# 5th Grade Summer Packet

Dear Incoming 5th Grade Students and Families,

Welcome to a wonderfully exciting year in 5th Grade! This year you will read many exciting novels and learn the structure of English. Also, you will have the opportunity to participate in hands-on science experiments, Lego Engineering and Lego Robotics, learn about chemical compounds, raise Steelhead in the classroom while learning about the Russian River Watershed, and participate in fun and exciting field trips that support environmental education.You will also learn about the history of the United States including the Native American's, European Explorers, the life of Colonial Americans, and the Revolutionary War. Fifth grade will undoubtedly be a memorable year!

Students are encouraged to read a minimum of 20 minutes a day. There is scientific evidence that shows reading at least a minimum of 20 minutes a day will expand comprehension of any written text immensely. In 5th grade, we move away from at home book reports, to reading assigned in class novels that allow for enriching discussion, expansion of comprehension, and above all to learn how to develop a love for reading and knowledge within an academic setting.

The past few years have been out of the ordinary. We, as a fifth grade team, want to honor the emotions and the stress that the years have presented to our students at Gravenstein. We still, however, want students to feel prepared for fifth grade; all of these summer packet assignments are **encouraged**. Fluency and comprehension are what is most important. Have them practice their multiplication facts, if they know them forwards and back they will be successful in fifth grade math.

Have a wonderful summer. We look forward to meeting you in August!

Team Five!

# Field Trips

The fifth grade team is thrilled to bring you many exciting field trips for the 2020-2021 school year! Each 5th grade class will embark on many excursions to various exciting locations, including two overnight trips! How exciting! Your monthly donation to *Gravenstein Parent Association (GPA)* is currently funding the diverse enrichment classes your child gets to participate in throughout the duration of the school year. This includes classes like Art, STEM with Mr. Carey, Mr. Science, and the list goes on. Field trips, however, are handled separately and are specific to each grade level. Donations to cover costs will be collected with the field trip permission slip.

As a grade level, we have worked hard to find as many free field trips around the area as possible that connect to our curriculum. Some field trips, however, do have a cost for docents, facility fees, admission, etc. Please see below our anticipated 2019-2020 field trip costs broken down per child.

| Field Trip | Anticipated Cost (per child) |
|---|---|
| Steelhead: Warm Springs Dam | Free |
| Sonoma Coast- Tide Pool Exploration | Free |
| Exploratorium | $15.00 |
| Balclutha- Life on Barbary Coast | $45.00 |
| Sugarloaf Overnight- 2 Day Trip | $40.00 |
| Westminster Woods 4 Day Trip | $440.00 |

**Total Anticipated Cost for the Year: $540.00**
**Broken Down into 3 Trimester Payments: $180.00**

The fifth-grade team is asking families for a donation for each field trip when the permission slip comes home. If it is easier for your family, you can make trimester donations or pay in one lump sum. All donations can be made out to the district: **Gravenstein Union School District (GUSD).**

Thank you for your continued support and we look forward to many fun experiences for our 5th-grade students this year!

**5th Grade Team**
**Mrs. Gorman – Ms. Hansen – Mrs. Grimm – Mrs. Urmini**

*The California Constitution mandates that public education be provided to students free of charge, unless a charge is specifically authorized by law for a particular program or activity. This constitutional right of free access encompasses all educational activities, whether curricular or extracurricular, and regardless of whether credit is awarded for the educational activity. Asking parents or guardians to sign a waiver, for an otherwise mandatory fee, charge or deposit, does not render it constitutionally permissible.*

## Suggested 5th Grade Materials

To be brought to school on first day:

- Backpack
- 2 inch-ish binder (plain, try to avoid the fancy ones as they won't fit in the desk)
- Section Dividers (we suggest the plastic "Insertable 2 Pocket" dividers 5ish)
- Wireless USB mouse (optional, but super nice)
- Pencil box that fits:
    - About five #2 pencils
    - Additional eraser or cap erasers (not a toy)
    - 2 dry erase markers for regular whiteboard use (thin ones, ULTRA thin are even better)
    - Ballpoint Pens: Black, Blue, plus one different color for corrections
    - Highlighters: ( minimum 3 colors)
    - Colored pencils
    - Skinny markers
    - Scissors
    - Glue sticks

*all above items should fit inside pencil box

All supplies must be school appropriate. Please **do not** bring scented markers, bendy/twirly/fluffy, pencil grips, personal/handheld pencil sharpeners, or buildable toy erasers. **Permanent markers (Sharpies) are not allowed at school.**

To be stored at home for projects or homework throughout the year:
pencils

- paper- binder, graph, and white (or copy paper)
- ruler, scissors
- drawing/coloring supplies

### Class Material Wish List

Class websites will generally include a "wish list" for items that are needed for projects or regular classroom use. If you are able to donate any of the following items for the start of the school year, they would be greatly appreciated. Having these supplies on hand makes preparing for celebrations or projects more convenient.

- ★ Roll of paper towels
- ★ Gallon-size/Quart-size freezer bags and sandwich-size bags
- ★ Kleenex/tissue
- ★ Clorox Wipes
- ★ Hand Sanitizer/disinfectant wipes

Extra Supplies we are always thankful for:

- ❖ pencils
- ❖ glue sticks
- ❖ cap erasers
- ❖ dry erase markers
- ❖ color markers
- ❖ Flair Pens (papermate)
- ❖ binder paper
- ❖ post-its
- ❖ Sharpies

# Summer Reading and Writing

## Reading tips

1. Read at least 20 minutes a day

(Remember that you can read anywhere, anytime for the most part. Choose a spot and sit down, read, and relax)

2. If you need some extra help, google the book and chapter you are reading and listen to the audio while you read along. (Audible) This really helps with comprehension. (We do this in class)

3. Talk to your parents about what you are reading. Maybe they can read the novel with you

4. While reading, picture the characters, setting, time period, etc .

(If this is a struggle, watch the movie and use that to create pictures while you read)

5. Call friends and discuss the novel you are reading. You might get some information you might have missed through peer discussion.

## Part A- Literature Response Journal Question: Directions

1) Choose one book from the following list to read over the summer

**The City of Ember**
by Jeanne DuPrau

**Al Capone does my Shirts**
by Gennifer Choldenko

**Sadako and the Thousand Paper Cranes**
by Eleanor Coerr

**Space Case**
by Steward Gibbs

**Holes**
by Louis Sachar

**The Lion, the Witch, and the Wardrobe**
by C.S. Lewis

**Hatchet**
by Gary Paulsen

**Maniac Magee**
by Jerry Spinelli

**The Sign of the Beaver**
by Elizabeth George Speare

2) Answer the Literature Response journal questions (attached) as you read the novel. Please be sure to answer the questions in complete sentences with proper spelling, grammar, and punctuation.

**Directions**: Read over the Literature Response Questions before you read the novel. All responses need to be written on binder paper. Make sure you include a proper heading with your name and date in the left-hand corner. Rewrite the question for each response.

Name:
Date:

1. Write the title of the book and the author. Preview the book, then predict what will happen in the story. What is the setting of the book? (time and place) Describe the main character of the book.

2. Make a list of the main and the minor characters you've read about so far. Write a one-sentence description of each character you have listed.

3. Explain what you believe to be the plot of your book.(Plot is the main events that are happening in the story) What do you think will happen next in the story.

4. Who's the speaker in your book? (whose point of view is the story told from?)

5. Write a clarifying question about your book. What would you like to know more about? What is confusing you about the story?

6. What advice would you give the characters in your book?

7. Describe something that happened in your book. Then write, "This reminds me of..." (something similar that happened in your life)

8. Write a diary entry from the point of view of one of the characters in your book.

9. Choose a scene and draw a picture. Describe in detail why you choose this scene.

10. . Describe the time period (or the location) of the book. What do you think it would be like to live during that time or in that place, or to live the life of the main character? How are the characters in the book growing or changing?

11. If you could be any character in the book, which one would you be? Why?

12. Why do you think the characters behave the way they do? What is their motivation?

13. What are the major themes in the book?

14.. What do you think the moral (lesson) the main character is supposed to learn in the book?

15. Make a timeline of the major events in the book.

## Part B:

## Directions

2) Choose one **different** book from the following list to complete the novel review

**The City of Ember**
by Jeanne DuPrau

**Al Capone does my Shirts**
by Gennifer Choldenko

**Sadako and the Thousand Paper Cranes**
by Eleanor Coerr

**Space Case**
by Steward Gibbs

**Holes**
by Louis Sachar

**The Lion, the Witch, and the Wardrobe**
by C.S. Lewis

**Hatchet**
by Gary Paulsen

**Maniac Magee**
by Jerry Spinelli

**The Sign of the Beaver**
by Elizabeth George Speare

# Novel Review

Directions:
After you read each novel, write a recommendation to a friend.

Title: _____

Author: _____

Summarize Book: _____

_____

_____

_____

_____

_____

Would you recommend this book to a friend? Why or Why not? _____

_____

_____

_____

_____

# Summer Math Practice

## Multiplication/Division Progress

There is a noticeable difference in the success of mathematics in 5th-grade students that have automaticity with their multiplication/division facts and those that don't.

### Directions:

1. Set a timer for 2 minute, using a colored pen, complete as many problems as you can.
2. Once the timer is done, fill the rest in with a pencil.

# Multiplication Facts to 144 (A)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 8 × 1 | 11 × 0 | 5 × 3 | 7 × 1 | 10 × 5 | 6 × 10 | 12 × 12 | 2 × 9 | 6 × 11 | 0 × 7 |
| 3 × 3 | 12 × 0 | 9 × 9 | 7 × 9 | 1 × 2 | 8 × 12 | 4 × 12 | 7 × 4 | 10 × 12 | 8 × 8 |
| 9 × 5 | 6 × 0 | 8 × 0 | 0 × 5 | 8 × 7 | 10 × 0 | 8 × 5 | 1 × 0 | 3 × 7 | 3 × 12 |
| 11 × 11 | 1 × 11 | 3 × 11 | 1 × 3 | 9 × 11 | 0 × 0 | 4 × 4 | 0 × 3 | 11 × 4 | 1 × 9 |
| 11 × 12 | 12 × 1 | 10 × 10 | 10 × 8 | 8 × 2 | 4 × 0 | 4 × 5 | 2 × 5 | 1 × 10 | 7 × 12 |
| 9 × 3 | 5 × 5 | 6 × 4 | 1 × 1 | 11 × 5 | 3 × 6 | 3 × 2 | 5 × 6 | 4 × 10 | 12 × 2 |
| 10 × 9 | 6 × 1 | 6 × 8 | 5 × 1 | 8 × 3 | 5 × 12 | 4 × 8 | 7 × 7 | 11 × 7 | 4 × 1 |
| 6 × 12 | 7 × 6 | 6 × 9 | 7 × 10 | 4 × 3 | 3 × 10 | 2 × 11 | 9 × 8 | 2 × 10 | 6 × 2 |
| 2 × 4 | 2 × 7 | 12 × 9 | 11 × 10 | 0 × 9 | 4 × 9 | 6 × 6 | 11 × 8 | 2 × 2 | 7 × 5 |
| 2 × 0 | 1 × 6 | 1 × 11 | 1 × 1 | 4 × 7 | 4 × 10 | 11 × 3 | 8 × 7 | 3 × 5 | 1 × 10 |

# Multiplication Facts to 144 (B)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3 × 1 | 12 × 5 | 2 × 3 | 1 × 7 | 8 × 5 | 6 × 6 | 11 × 9 | 12 × 4 | 9 × 1 | 11 × 11 |
| 8 × 7 | 1 × 0 | 6 × 10 | 8 × 4 | 5 × 10 | 10 × 11 | 6 × 0 | 7 × 7 | 5 × 9 | 5 × 0 |
| 12 × 11 | 10 × 8 | 4 × 6 | 4 × 11 | 3 × 4 | 5 × 6 | 3 × 0 | 12 × 12 | 10 × 10 | 10 × 3 |
| 5 × 3 | 10 × 2 | 2 × 5 | 8 × 1 | 4 × 1 | 3 × 12 | 7 × 4 | 8 × 12 | 2 × 7 | 6 × 8 |
| 7 × 11 | 8 × 9 | 11 × 8 | 4 × 4 | 0 × 9 | 11 × 2 | 0 × 12 | 7 × 0 | 3 × 11 | 12 × 2 |
| 1 × 11 | 9 × 3 | 1 × 5 | 7 × 12 | 1 × 2 | 4 × 5 | 9 × 12 | 5 × 5 | 6 × 1 | 2 × 2 |
| 0 × 10 | 11 × 6 | 2 × 0 | 2 × 8 | 7 × 3 | 8 × 8 | 6 × 7 | 10 × 4 | 9 × 7 | 10 × 7 |
| 11 × 5 | 8 × 0 | 3 × 3 | 0 × 11 | 1 × 1 | 6 × 3 | 0 × 4 | 9 × 9 | 6 × 12 | 0 × 0 |
| 3 × 8 | 2 × 4 | 4 × 9 | 2 × 9 | 12 × 10 | 10 × 9 | 1 × 12 | 6 × 9 | 2 × 6 | 5 × 7 |
| 10 × 1 | 3 × 3 | 5 × 11 | 2 × 7 | 4 × 4 | 12 × 8 | 10 × 0 | 3 × 7 | 3 × 0 | 4 × 3 |

# Multiplication Facts to 144 (C)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 4 × 4 | 4 × 8 | 5 × 12 | 11 × 8 | 7 × 10 | 12 × 12 | 0 × 6 | 2 × 7 | 8 × 5 | 9 × 1 |
| 3 × 7 | 8 × 7 | 6 × 10 | 6 × 2 | 11 × 6 | 3 × 4 | 0 × 1 | 8 × 6 | 10 × 0 | 2 × 0 |
| 10 × 2 | 3 × 1 | 7 × 12 | 5 × 7 | 4 × 6 | 12 × 4 | 11 × 5 | 0 × 7 | 8 × 12 | 4 × 7 |
| 4 × 0 | 7 × 7 | 8 × 1 | 8 × 2 | 8 × 8 | 5 × 10 | 1 × 4 | 6 × 7 | 2 × 9 | 8 × 3 |
| 1 × 7 | 5 × 5 | 11 × 10 | 1 × 10 | 1 × 11 | 10 × 9 | 5 × 6 | 9 × 9 | 4 × 5 | 2 × 12 |
| 11 × 4 | 3 × 5 | 11 × 7 | 3 × 3 | 0 × 12 | 1 × 6 | 8 × 9 | 3 × 11 | 9 × 11 | 9 × 6 |
| 2 × 2 | 0 × 3 | 7 × 9 | 10 × 12 | 11 × 11 | 11 × 2 | 3 × 6 | 0 × 0 | 12 × 9 | 5 × 1 |
| 2 × 5 | 0 × 8 | 6 × 6 | 9 × 5 | 4 × 2 | 1 × 12 | 4 × 9 | 12 × 6 | 12 × 11 | 10 × 10 |
| 1 × 1 | 0 × 11 | 3 × 2 | 10 × 3 | 0 × 9 | 0 × 5 | 9 × 3 | 10 × 8 | 10 × 4 | 3 × 12 |
| 2 × 1 | 10 × 8 | 11 × 7 | 11 × 3 | 2 × 7 | 3 × 3 | 3 × 7 | 0 × 0 | 8 × 3 | 8 × 1 |

# Multiplication Facts to 144 (D)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 7 × 1 | 7 × 5 | 10 × 0 | 5 × 8 | 10 × 6 | 3 × 1 | 2 × 7 | 0 × 8 | 6 × 1 | 6 × 5 |
| 3 × 4 | 0 × 11 | 9 × 11 | 4 × 1 | 5 × 10 | 9 × 10 | 5 × 2 | 7 × 10 | 0 × 5 | 2 × 4 |
| 9 × 12 | 12 × 10 | 5 × 12 | 9 × 7 | 2 × 2 | 0 × 9 | 1 × 11 | 8 × 6 | 2 × 0 | 8 × 12 |
| 7 × 0 | 10 × 4 | 11 × 4 | 1 × 2 | 3 × 11 | 4 × 4 | 2 × 6 | 0 × 12 | 9 × 6 | 1 × 9 |
| 9 × 5 | 3 × 7 | 7 × 7 | 5 × 5 | 6 × 12 | 10 × 1 | 10 × 11 | 7 × 12 | 0 × 0 | 6 × 0 |
| 4 × 8 | 12 × 1 | 3 × 6 | 1 × 5 | 0 × 4 | 0 × 3 | 9 × 9 | 5 × 11 | 8 × 7 | 4 × 9 |
| 10 × 8 | 4 × 5 | 3 × 12 | 3 × 10 | 11 × 7 | 8 × 8 | 12 × 11 | 6 × 6 | 3 × 9 | 2 × 3 |
| 10 × 10 | 2 × 10 | 8 × 1 | 1 × 1 | 12 × 2 | 4 × 7 | 11 × 8 | 11 × 11 | 3 × 5 | 8 × 3 |
| 2 × 11 | 3 × 3 | 6 × 7 | 1 × 0 | 8 × 2 | 8 × 9 | 6 × 11 | 4 × 6 | 12 × 12 | 4 × 12 |
| 2 × 9 | 0 × 2 | 4 × 4 | 8 × 8 | 1 × 11 | 1 × 12 | 12 × 6 | 2 × 2 | 8 × 5 | 7 × 1 |

# Multiplication Facts to 144 (E)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 7 × 3 | 12 × 3 | 7 × 9 | 12 × 6 | 1 × 6 | 2 × 11 | 1 × 1 | 12 × 8 | 2 × 6 | 1 × 11 |
| 6 × 10 | 6 × 3 | 2 × 12 | 3 × 3 | 9 × 10 | 9 × 8 | 9 × 12 | 12 × 12 | 0 × 3 | 4 × 9 |
| 12 × 10 | 3 × 2 | 10 × 3 | 2 × 1 | 5 × 9 | 5 × 2 | 5 × 3 | 11 × 0 | 4 × 4 | 10 × 5 |
| 0 × 0 | 1 × 10 | 3 × 4 | 6 × 8 | 5 × 12 | 0 × 6 | 7 × 5 | 8 × 3 | 9 × 1 | 10 × 0 |
| 10 × 10 | 7 × 7 | 6 × 7 | 10 × 4 | 8 × 11 | 0 × 4 | 10 × 7 | 11 × 4 | 11 × 3 | 6 × 5 |
| 0 × 9 | 5 × 8 | 1 × 7 | 1 × 4 | 2 × 0 | 2 × 9 | 9 × 11 | 11 × 6 | 10 × 11 | 5 × 5 |
| 7 × 12 | 12 × 0 | 9 × 9 | 7 × 8 | 2 × 4 | 3 × 1 | 2 × 7 | 1 × 8 | 9 × 3 | 4 × 12 |
| 1 × 0 | 5 × 11 | 6 × 6 | 11 × 12 | 4 × 7 | 9 × 6 | 8 × 8 | 8 × 0 | 11 × 7 | 8 × 10 |
| 11 × 11 | 7 × 0 | 5 × 1 | 8 × 4 | 12 × 1 | 4 × 6 | 10 × 2 | 2 × 2 | 2 × 8 | 5 × 4 |
| 0 × 5 | 7 × 4 | 12 × 2 | 4 × 8 | 11 × 1 | 2 × 4 | 10 × 8 | 6 × 7 | 9 × 8 | 9 × 0 |

# Multiplication Facts to 144 (F)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 12 × 8 | 11 × 12 | 4 × 11 | 0 × 0 | 11 × 2 | 11 × 11 | 5 × 10 | 3 × 7 | 8 × 3 | 3 × 2 |
| 4 × 4 | 12 × 0 | 9 × 7 | 3 × 6 | 11 × 8 | 8 × 8 | 2 × 6 | 2 × 8 | 6 × 8 | 12 × 12 |
| 2 × 7 | 9 × 9 | 1 × 9 | 7 × 6 | 5 × 2 | 3 × 5 | 5 × 5 | 9 × 8 | 1 × 8 | 3 × 12 |
| 11 × 10 | 0 × 10 | 2 × 0 | 5 × 11 | 4 × 0 | 10 × 8 | 1 × 10 | 2 × 1 | 6 × 1 | 10 × 3 |
| 1 × 1 | 11 × 7 | 6 × 6 | 9 × 10 | 6 × 5 | 7 × 5 | 12 × 6 | 2 × 2 | 4 × 2 | 12 × 7 |
| 3 × 11 | 9 × 11 | 5 × 4 | 0 × 11 | 4 × 1 | 7 × 8 | 10 × 10 | 12 × 2 | 7 × 7 | 3 × 9 |
| 9 × 5 | 6 × 0 | 10 × 6 | 9 × 4 | 12 × 9 | 3 × 3 | 12 × 10 | 0 × 5 | 6 × 9 | 5 × 1 |
| 1 × 12 | 5 × 8 | 7 × 1 | 10 × 2 | 1 × 11 | 10 × 4 | 6 × 11 | 6 × 4 | 2 × 9 | 12 × 5 |
| 1 × 0 | 4 × 3 | 7 × 4 | 10 × 7 | 0 × 7 | 4 × 8 | 0 × 8 | 4 × 12 | 1 × 3 | 3 × 0 |
| 0 × 9 | 11 × 4 | 4 × 10 | 2 × 4 | 11 × 9 | 5 × 2 | 7 × 7 | 2 × 8 | 2 × 7 | 5 × 9 |

# Multiplication Facts to 144 (G)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 5 × 5 | 8 × 5 | 9 × 12 | 9 × 6 | 11 × 11 | 1 × 9 | 6 × 6 | 8 × 1 | 5 × 12 | 8 × 6 |
| 4 × 4 | 9 × 10 | 7 × 8 | 6 × 1 | 1 × 1 | 10 × 10 | 4 × 0 | 5 × 10 | 3 × 12 | 8 × 11 |
| 11 × 6 | 9 × 3 | 7 × 6 | 2 × 2 | 12 × 7 | 8 × 2 | 10 × 12 | 4 × 8 | 3 × 3 | 2 × 1 |
| 0 × 0 | 10 × 8 | 11 × 2 | 8 × 8 | 12 × 12 | 9 × 4 | 12 × 0 | 11 × 5 | 8 × 9 | 4 × 6 |
| 10 × 3 | 8 × 0 | 2 × 5 | 3 × 11 | 6 × 5 | 2 × 12 | 11 × 1 | 5 × 3 | 5 × 4 | 9 × 2 |
| 3 × 1 | 6 × 12 | 0 × 6 | 7 × 2 | 6 × 2 | 7 × 7 | 2 × 10 | 0 × 10 | 10 × 1 | 0 × 5 |
| 5 × 7 | 1 × 5 | 11 × 0 | 0 × 7 | 5 × 9 | 11 × 12 | 4 × 10 | 0 × 3 | 3 × 8 | 7 × 10 |
| 2 × 0 | 3 × 2 | 8 × 12 | 2 × 4 | 1 × 7 | 3 × 4 | 12 × 1 | 11 × 9 | 7 × 4 | 1 × 4 |
| 10 × 6 | 11 × 7 | 0 × 9 | 1 × 0 | 7 × 9 | 3 × 6 | 4 × 12 | 4 × 11 | 10 × 11 | 3 × 7 |
| 9 × 9 | 4 × 4 | 4 × 12 | 7 × 9 | 1 × 1 | 1 × 12 | 10 × 5 | 0 × 7 | 2 × 4 | 11 × 11 |

# Multiplication Facts to 144 (H)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0 × 0 | 12 × 11 | 6 × 7 | 10 × 6 | 8 × 4 | 9 × 1 | 0 × 3 | 11 × 1 | 1 × 3 | 6 × 12 |
| 5 × 0 | 6 × 4 | 0 × 11 | 8 × 12 | 11 × 4 | 7 × 5 | 4 × 9 | 8 × 0 | 2 × 1 | 10 × 0 |
| 10 × 4 | 10 × 7 | 1 × 6 | 1 × 12 | 11 × 6 | 7 × 4 | 10 × 12 | 1 × 8 | 7 × 7 | 1 × 1 |
| 9 × 5 | 0 × 1 | 0 × 4 | 2 × 12 | 3 × 7 | 12 × 0 | 3 × 12 | 11 × 8 | 11 × 10 | 8 × 2 |
| 10 × 5 | 2 × 6 | 4 × 1 | 0 × 9 | 12 × 12 | 11 × 11 | 8 × 8 | 10 × 10 | 8 × 3 | 9 × 2 |
| 4 × 3 | 2 × 11 | 2 × 10 | 8 × 5 | 2 × 0 | 3 × 5 | 9 × 3 | 5 × 6 | 7 × 9 | 10 × 8 |
| 3 × 3 | 2 × 7 | 10 × 9 | 0 × 6 | 2 × 5 | 4 × 4 | 1 × 5 | 2 × 4 | 5 × 5 | 11 × 9 |
| 8 × 9 | 7 × 0 | 5 × 11 | 2 × 3 | 9 × 9 | 11 × 7 | 2 × 2 | 5 × 4 | 6 × 9 | 3 × 10 |
| 7 × 1 | 7 × 8 | 1 × 10 | 6 × 6 | 3 × 6 | 9 × 12 | 6 × 8 | 7 × 12 | 5 × 12 | 4 × 12 |
| 3 × 11 | 0 × 12 | 11 × 2 | 8 × 0 | 0 × 0 | 9 × 12 | 9 × 8 | 7 × 7 | 6 × 6 | 8 × 6 |

# Multiplication Facts to 144 (I)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 12 × 9 | 7 × 6 | 11 × 2 | 9 × 9 | 2 × 8 | 6 × 11 | 10 × 8 | 5 × 6 | 5 × 4 | 4 × 7 |
| 7 × 11 | 3 × 7 | 3 × 6 | 0 × 3 | 5 × 9 | 12 × 8 | 8 × 0 | 2 × 5 | 6 × 9 | 10 × 7 |
| 2 × 0 | 0 × 9 | 8 × 1 | 5 × 8 | 12 × 12 | 5 × 10 | 1 × 10 | 7 × 7 | 11 × 5 | 3 × 2 |
| 11 × 11 | 10 × 0 | 3 × 11 | 2 × 6 | 9 × 10 | 10 × 6 | 12 × 1 | 4 × 10 | 3 × 3 | 12 × 5 |
| 2 × 12 | 3 × 1 | 0 × 12 | 4 × 1 | 9 × 2 | 1 × 1 | 4 × 0 | 11 × 9 | 0 × 5 | 1 × 2 |
| 0 × 0 | 7 × 1 | 4 × 9 | 12 × 11 | 5 × 5 | 6 × 4 | 11 × 1 | 3 × 9 | 7 × 9 | 4 × 2 |
| 1 × 6 | 11 × 0 | 7 × 5 | 3 × 8 | 4 × 11 | 12 × 4 | 7 × 12 | 2 × 2 | 6 × 8 | 4 × 8 |
| 10 × 10 | 7 × 2 | 3 × 10 | 8 × 8 | 3 × 4 | 4 × 4 | 10 × 2 | 1 × 0 | 6 × 0 | 10 × 12 |
| 3 × 12 | 8 × 11 | 5 × 3 | 1 × 9 | 8 × 9 | 10 × 11 | 12 × 6 | 6 × 6 | 1 × 5 | 7 × 0 |
| 7 × 8 | 8 × 7 | 12 × 11 | 8 × 4 | 12 × 4 | 4 × 0 | 6 × 0 | 11 × 1 | 0 × 8 | 3 × 12 |

# Multiplication Facts to 144 (J)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10 × 5 | 1 × 6 | 5 × 2 | 6 × 0 | 5 × 5 | 7 × 9 | 9 × 5 | 8 × 8 | 1 × 1 | 9 × 6 |
| 8 × 7 | 6 × 4 | 10 × 9 | 12 × 11 | 9 × 12 | 2 × 6 | 11 × 8 | 9 × 11 | 0 × 10 | 9 × 0 |
| 12 × 12 | 12 × 3 | 0 × 2 | 7 × 5 | 4 × 4 | 4 × 10 | 0 × 12 | 0 × 3 | 1 × 4 | 12 × 4 |
| 8 × 4 | 10 × 3 | 9 × 9 | 10 × 2 | 10 × 8 | 9 × 3 | 11 × 10 | 11 × 0 | 7 × 1 | 6 × 7 |
| 6 × 8 | 11 × 1 | 10 × 6 | 7 × 3 | 3 × 1 | 3 × 11 | 1 × 8 | 1 × 5 | 8 × 12 | 7 × 4 |
| 5 × 4 | 5 × 6 | 7 × 7 | 3 × 4 | 5 × 0 | 0 × 0 | 5 × 3 | 11 × 2 | 2 × 9 | 6 × 6 |
| 8 × 0 | 11 × 5 | 11 × 11 | 2 × 8 | 5 × 12 | 10 × 10 | 2 × 2 | 11 × 6 | 11 × 4 | 4 × 0 |
| 1 × 9 | 7 × 12 | 3 × 6 | 12 × 6 | 2 × 7 | 2 × 12 | 7 × 10 | 9 × 8 | 1 × 10 | 2 × 3 |
| 11 × 7 | 4 × 2 | 1 × 0 | 1 × 2 | 9 × 4 | 12 × 1 | 0 × 7 | 5 × 8 | 12 × 10 | 8 × 3 |
| 3 × 3 | 10 × 9 | 11 × 12 | 2 × 4 | 5 × 8 | 1 × 8 | 1 × 12 | 10 × 1 | 8 × 8 | 7 × 5 |

# Multiplication Facts to 144 (K)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0 × 2 | 6 × 9 | 7 × 3 | 10 × 0 | 11 × 4 | 1 × 4 | 6 × 12 | 11 × 8 | 0 × 7 | 6 × 5 |
| 9 × 9 | 7 × 9 | 3 × 4 | 12 × 3 | 6 × 11 | 3 × 5 | 0 × 12 | 2 × 3 | 12 × 8 | 2 × 12 |
| 1 × 12 | 2 × 6 | 2 × 7 | 3 × 3 | 11 × 11 | 0 × 11 | 0 × 0 | 5 × 5 | 4 × 0 | 6 × 7 |
| 2 × 9 | 3 × 0 | 5 × 1 | 12 × 7 | 7 × 10 | 9 × 1 | 10 × 2 | 11 × 5 | 4 × 5 | 10 × 6 |
| 5 × 7 | 2 × 11 | 1 × 3 | 1 × 11 | 10 × 5 | 1 × 1 | 9 × 11 | 4 × 8 | 9 × 5 | 10 × 8 |
| 8 × 3 | 5 × 12 | 11 × 10 | 5 × 8 | 2 × 8 | 12 × 10 | 4 × 4 | 6 × 1 | 7 × 4 | 0 × 6 |
| 8 × 6 | 9 × 0 | 12 × 12 | 2 × 2 | 4 × 12 | 8 × 7 | 3 × 9 | 12 × 9 | 10 × 10 | 6 × 4 |
| 3 × 6 | 0 × 8 | 5 × 2 | 8 × 9 | 1 × 2 | 6 × 6 | 7 × 1 | 9 × 4 | 10 × 1 | 8 × 8 |
| 3 × 11 | 10 × 3 | 1 × 0 | 2 × 4 | 7 × 7 | 5 × 0 | 11 × 12 | 8 × 1 | 10 × 4 | 11 × 7 |
| 9 × 10 | 6 × 9 | 0 × 12 | 10 × 1 | 8 × 8 | 11 × 12 | 6 × 4 | 3 × 5 | 8 × 10 | 0 × 0 |

# Multiplication Facts to 144 (L)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 7 × 10 | 6 × 10 | 7 × 7 | 3 × 2 | 3 × 7 | 6 × 12 | 10 × 2 | 8 × 8 | 6 × 7 | 5 × 7 |
| 9 × 9 | 7 × 11 | 11 × 11 | 10 × 12 | 11 × 5 | 1 × 12 | 3 × 8 | 3 × 3 | 0 × 0 | 3 × 10 |
| 8 × 5 | 11 × 6 | 2 × 2 | 10 × 0 | 11 × 1 | 3 × 12 | 0 × 1 | 12 × 12 | 9 × 7 | 0 × 5 |
| 0 × 8 | 0 × 3 | 4 × 10 | 4 × 7 | 3 × 4 | 12 × 7 | 4 × 11 | 0 × 7 | 12 × 9 | 4 × 2 |
| 8 × 1 | 5 × 5 | 11 × 8 | 11 × 3 | 9 × 4 | 5 × 9 | 0 × 6 | 8 × 6 | 6 × 1 | 12 × 5 |
| 1 × 9 | 3 × 6 | 11 × 9 | 0 × 11 | 1 × 3 | 2 × 5 | 11 × 2 | 0 × 2 | 12 × 2 | 10 × 5 |
| 10 × 8 | 1 × 7 | 0 × 9 | 7 × 8 | 9 × 6 | 5 × 4 | 4 × 0 | 8 × 12 | 2 × 6 | 9 × 10 |
| 9 × 3 | 2 × 8 | 7 × 2 | 1 × 1 | 5 × 1 | 2 × 1 | 2 × 9 | 12 × 4 | 11 × 12 | 11 × 10 |
| 6 × 6 | 3 × 5 | 6 × 4 | 8 × 9 | 1 × 10 | 4 × 8 | 10 × 10 | 5 × 6 | 4 × 4 | 0 × 12 |
| 4 × 1 | 5 × 10 | 10 × 0 | 9 × 12 | 1 × 7 | 11 × 9 | 4 × 1 | 3 × 3 | 7 × 12 | 4 × 8 |

# Multiplication Facts to 144 (M)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 7 × 2 | 9 × 5 | 4 × 2 | 3 × 12 | 7 × 7 | 8 × 8 | 9 × 9 | 2 × 0 | 9 × 2 | 9 × 6 |
| 9 × 10 | 12 × 9 | 3 × 2 | 12 × 4 | 9 × 1 | 3 × 6 | 4 × 4 | 1 × 11 | 2 × 2 | 3 × 4 |
| 12 × 0 | 6 × 4 | 3 × 1 | 5 × 4 | 11 × 5 | 7 × 12 | 7 × 10 | 5 × 5 | 6 × 12 | 6 × 7 |
| 11 × 11 | 0 × 0 | 11 × 4 | 10 × 6 | 2 × 8 | 10 × 1 | 6 × 5 | 2 × 6 | 0 × 10 | 5 × 8 |
| 3 × 8 | 3 × 10 | 5 × 0 | 11 × 6 | 2 × 12 | 0 × 4 | 5 × 1 | 4 × 7 | 12 × 5 | 4 × 9 |
| 10 × 8 | 7 × 11 | 7 × 1 | 10 × 5 | 9 × 3 | 11 × 10 | 11 × 8 | 7 × 5 | 2 × 1 | 8 × 6 |
| 1 × 0 | 8 × 7 | 7 × 0 | 8 × 9 | 4 × 1 | 3 × 5 | 7 × 3 | 12 × 12 | 12 × 8 | 11 × 9 |
| 0 × 11 | 5 × 2 | 6 × 6 | 12 × 10 | 10 × 10 | 12 × 1 | 6 × 1 | 12 × 11 | 1 × 1 | 0 × 6 |
| 3 × 3 | 9 × 0 | 2 × 10 | 9 × 7 | 11 × 3 | 1 × 8 | 8 × 4 | 0 × 3 | 8 × 0 | 10 × 4 |
| 2 × 11 | 0 × 6 | 11 × 12 | 4 × 4 | 7 × 3 | 12 × 12 | 0 × 11 | 2 × 9 | 1 × 0 | 5 × 11 |

# Multiplication Facts to 144 (N)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 × 7 | 3 × 2 | 7 × 11 | 12 × 1 | 8 × 0 | 2 × 2 | 2 × 4 | 1 × 11 | 8 × 8 | 0 × 9 |
| 7 × 4 | 2 × 1 | 12 × 10 | 3 × 3 | 9 × 3 | 10 × 4 | 11 × 11 | 8 × 9 | 3 × 1 | 8 × 4 |
| 11 × 0 | 5 × 12 | 3 × 12 | 5 × 5 | 10 × 10 | 0 × 4 | 2 × 11 | 9 × 10 | 8 × 1 | 1 × 0 |
| 3 × 11 | 9 × 11 | 1 × 5 | 0 × 12 | 8 × 3 | 8 × 11 | 3 × 6 | 3 × 10 | 4 × 11 | 12 × 12 |
| 7 × 5 | 5 × 9 | 10 × 5 | 6 × 0 | 5 × 2 | 9 × 4 | 2 × 0 | 10 × 2 | 11 × 12 | 4 × 5 |
| 7 × 12 | 6 × 12 | 11 × 6 | 5 × 3 | 6 × 1 | 1 × 1 | 12 × 8 | 11 × 10 | 7 × 2 | 3 × 0 |
| 0 × 5 | 7 × 10 | 12 × 2 | 0 × 7 | 9 × 7 | 2 × 6 | 11 × 5 | 4 × 12 | 7 × 7 | 3 × 7 |
| 9 × 2 | 8 × 7 | 8 × 10 | 8 × 6 | 5 × 6 | 1 × 10 | 8 × 5 | 10 × 0 | 12 × 9 | 6 × 7 |
| 6 × 6 | 9 × 9 | 4 × 4 | 6 × 10 | 2 × 8 | 4 × 6 | 9 × 1 | 4 × 1 | 6 × 9 | 3 × 4 |
| 0 × 0 | 7 × 12 | 11 × 10 | 12 × 0 | 5 × 9 | 7 × 4 | 4 × 3 | 1 × 0 | 11 × 3 | 5 × 11 |

# Multiplication Facts to 144 (O)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 5 × 5 | 3 × 6 | 6 × 1 | 7 × 6 | 0 × 11 | 2 × 9 | 0 × 0 | 1 × 3 | 1 × 1 | 10 × 8 |
| 9 × 1 | 4 × 8 | 11 × 6 | 4 × 1 | 2 × 8 | 10 × 3 | 1 × 11 | 5 × 1 | 6 × 8 | 8 × 11 |
| 2 × 0 | 9 × 6 | 2 × 12 | 8 × 8 | 3 × 4 | 4 × 4 | 11 × 2 | 4 × 11 | 2 × 7 | 6 × 0 |
| 12 × 1 | 3 × 3 | 5 × 2 | 10 × 0 | 7 × 0 | 5 × 6 | 7 × 5 | 5 × 12 | 10 × 2 | 6 × 2 |
| 5 × 0 | 11 × 12 | 9 × 7 | 6 × 6 | 0 × 8 | 5 × 4 | 12 × 12 | 1 × 10 | 9 × 12 | 9 × 9 |
| 3 × 11 | 7 × 7 | 1 × 2 | 4 × 2 | 7 × 10 | 10 × 4 | 4 × 9 | 9 × 8 | 7 × 11 | 11 × 11 |
| 3 × 0 | 12 × 10 | 7 × 12 | 8 × 7 | 0 × 1 | 4 × 12 | 12 × 8 | 4 × 0 | 12 × 3 | 3 × 2 |
| 9 × 0 | 3 × 5 | 10 × 10 | 9 × 5 | 12 × 6 | 3 × 7 | 10 × 5 | 6 × 10 | 11 × 10 | 9 × 11 |
| 1 × 8 | 9 × 10 | 7 × 1 | 2 × 2 | 12 × 0 | 11 × 5 | 8 × 5 | 4 × 6 | 3 × 8 | 4 × 7 |
| 3 × 9 | 7 × 6 | 6 × 12 | 4 × 6 | 9 × 5 | 12 × 2 | 7 × 2 | 12 × 5 | 11 × 8 | 0 × 0 |

# Multiplication Facts to 144 (P)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 4 × 6 | 1 × 3 | 8 × 5 | 0 × 8 | 5 × 12 | 7 × 12 | 2 × 2 | 9 × 9 | 5 × 7 | 10 × 7 |
| 1 × 6 | 3 × 2 | 8 × 4 | 2 × 4 | 5 × 5 | 3 × 12 | 10 × 2 | 7 × 11 | 6 × 0 | 1 × 4 |
| 12 × 6 | 7 × 1 | 7 × 4 | 3 × 11 | 8 × 2 | 4 × 4 | 8 × 9 | 8 × 3 | 4 × 3 | 4 × 11 |
| 1 × 1 | 2 × 9 | 0 × 2 | 12 × 10 | 1 × 9 | 1 × 0 | 7 × 8 | 1 × 2 | 8 × 12 | 3 × 9 |
| 10 × 8 | 0 × 11 | 6 × 2 | 5 × 4 | 10 × 10 | 12 × 4 | 11 × 1 | 3 × 5 | 6 × 6 | 9 × 11 |
| 5 × 9 | 7 × 0 | 2 × 5 | 6 × 8 | 1 × 10 | 3 × 6 | 0 × 12 | 8 × 8 | 9 × 4 | 12 × 11 |
| 5 × 1 | 7 × 7 | 0 × 4 | 12 × 1 | 6 × 7 | 0 × 0 | 10 × 11 | 2 × 12 | 12 × 12 | 11 × 2 |
| 12 × 9 | 0 × 3 | 6 × 5 | 7 × 2 | 0 × 5 | 11 × 8 | 9 × 0 | 10 × 6 | 6 × 9 | 3 × 3 |
| 11 × 6 | 11 × 11 | 10 × 9 | 10 × 3 | 5 × 11 | 4 × 10 | 10 × 0 | 10 × 5 | 9 × 7 | 8 × 1 |
| 3 × 7 | 6 × 2 | 7 × 12 | 8 × 6 | 4 × 3 | 10 × 12 | 3 × 12 | 3 × 2 | 12 × 11 | 12 × 1 |

# Multiplication Facts to 144 (Q)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10 × 1 | 7 × 5 | 12 × 4 | 6 × 8 | 1 × 7 | 11 × 9 | 0 × 3 | 2 × 9 | 5 × 9 | 10 × 3 |
| 10 × 2 | 6 × 1 | 12 × 2 | 4 × 7 | 10 × 11 | 11 × 3 | 10 × 10 | 5 × 11 | 10 × 0 | 2 × 7 |
| 1 × 8 | 11 × 12 | 12 × 0 | 8 × 8 | 9 × 7 | 10 × 9 | 3 × 3 | 9 × 8 | 7 × 7 | 4 × 3 |
| 11 × 2 | 1 × 9 | 8 × 3 | 6 × 4 | 3 × 7 | 9 × 3 | 0 × 1 | 0 × 7 | 4 × 11 | 0 × 5 |
| 8 × 0 | 1 × 5 | 6 × 6 | 6 × 10 | 10 × 5 | 4 × 1 | 12 × 10 | 7 × 10 | 5 × 8 | 0 × 0 |
| 3 × 2 | 2 × 2 | 4 × 8 | 11 × 8 | 6 × 11 | 12 × 9 | 12 × 12 | 0 × 2 | 7 × 12 | 5 × 6 |
| 9 × 9 | 11 × 11 | 7 × 6 | 11 × 7 | 4 × 4 | 3 × 5 | 7 × 8 | 3 × 12 | 10 × 4 | 5 × 5 |
| 3 × 1 | 0 × 4 | 2 × 6 | 12 × 1 | 2 × 1 | 2 × 8 | 12 × 8 | 0 × 11 | 1 × 11 | 8 × 10 |
| 12 × 6 | 2 × 4 | 9 × 6 | 0 × 6 | 9 × 0 | 1 × 1 | 4 × 5 | 12 × 5 | 6 × 3 | 5 × 2 |
| 4 × 9 | 12 × 12 | 12 × 11 | 2 × 11 | 5 × 12 | 0 × 5 | 3 × 8 | 6 × 12 | 9 × 4 | 2 × 3 |

# Multiplication Facts to 144 (R)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 9 × 10 | 6 × 5 | 7 × 0 | 12 × 7 | 10 × 3 | 11 × 8 | 0 × 11 | 10 × 0 | 11 × 1 | 1 × 5 |
| 8 × 12 | 3 × 9 | 12 × 11 | 11 × 7 | 2 × 11 | 6 × 4 | 8 × 5 | 3 × 12 | 11 × 6 | 10 × 10 |
| 8 × 4 | 5 × 4 | 5 × 5 | 9 × 0 | 12 × 12 | 4 × 1 | 6 × 6 | 1 × 10 | 6 × 1 | 5 × 11 |
| 6 × 2 | 4 × 10 | 9 × 12 | 2 × 10 | 2 × 8 | 2 × 12 | 3 × 1 | 2 × 0 | 1 × 7 | 5 × 12 |
| 7 × 5 | 1 × 12 | 0 × 12 | 4 × 0 | 11 × 11 | 9 × 9 | 7 × 2 | 4 × 7 | 1 × 0 | 1 × 9 |
| 5 × 2 | 0 × 8 | 5 × 3 | 7 × 8 | 3 × 0 | 8 × 8 | 9 × 8 | 6 × 7 | 4 × 9 | 1 × 8 |
| 6 × 12 | 10 × 6 | 10 × 11 | 9 × 6 | 7 × 7 | 9 × 11 | 3 × 8 | 11 × 4 | 3 × 2 | 1 × 2 |
| 4 × 4 | 7 × 10 | 2 × 2 | 2 × 4 | 9 × 7 | 12 × 4 | 0 × 0 | 3 × 3 | 10 × 5 | 8 × 6 |
| 0 × 6 | 10 × 8 | 1 × 1 | 5 × 0 | 10 × 12 | 4 × 3 | 2 × 9 | 5 × 9 | 3 × 7 | 3 × 6 |
| 3 × 11 | 8 × 8 | 7 × 4 | 7 × 11 | 6 × 12 | 6 × 6 | 3 × 9 | 11 × 11 | 12 × 3 | 0 × 0 |

# Multiplication Facts to 144 (S)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 5 × 7 | 0 × 8 | 7 × 6 | 3 × 3 | 1 × 4 | 6 × 6 | 0 × 11 | 0 × 4 | 4 × 3 | 1 × 1 |
| 7 × 2 | 2 × 4 | 3 × 12 | 10 × 5 | 7 × 4 | 7 × 10 | 9 × 2 | 3 × 7 | 12 × 12 | 6 × 10 |
| 10 × 3 | 5 × 12 | 10 × 10 | 1 × 12 | 5 × 5 | 12 × 6 | 9 × 11 | 12 × 2 | 1 × 11 | 9 × 12 |
| 6 × 9 | 8 × 12 | 1 × 7 | 1 × 5 | 7 × 11 | 2 × 5 | 2 × 11 | 4 × 8 | 1 × 9 | 6 × 0 |
| 4 × 9 | 10 × 12 | 0 × 3 | 2 × 2 | 3 × 9 | 3 × 6 | 1 × 10 | 9 × 9 | 6 × 4 | 5 × 8 |
| 8 × 8 | 6 × 11 | 6 × 5 | 0 × 9 | 4 × 4 | 3 × 5 | 3 × 11 | 9 × 10 | 7 × 7 | 9 × 5 |
| 0 × 7 | 0 × 10 | 8 × 1 | 2 × 6 | 11 × 11 | 2 × 8 | 1 × 2 | 0 × 0 | 11 × 5 | 1 × 3 |
| 4 × 10 | 10 × 8 | 5 × 4 | 5 × 0 | 9 × 8 | 2 × 3 | 8 × 11 | 0 × 12 | 0 × 1 | 10 × 2 |
| 12 × 4 | 7 × 9 | 8 × 7 | 2 × 0 | 1 × 6 | 11 × 4 | 8 × 3 | 12 × 11 | 7 × 12 | 10 × 11 |
| 8 × 6 | 10 × 11 | 0 × 0 | 8 × 7 | 8 × 2 | 12 × 0 | 10 × 3 | 10 × 10 | 4 × 4 | 5 × 12 |

# Multiplication Facts to 144 (T)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 12 × 7 | 4 × 3 | 9 × 12 | 10 × 10 | 3 × 0 | 0 × 9 | 5 × 3 | 12 × 4 | 11 × 2 | 0 × 11 |
| 8 × 8 | 6 × 5 | 9 × 3 | 9 × 11 | 8 × 4 | 10 × 6 | 11 × 4 | 0 × 1 | 7 × 7 | 7 × 3 |
| 9 × 4 | 4 × 6 | 5 × 11 | 5 × 4 | 7 × 5 | 12 × 12 | 3 × 12 | 2 × 4 | 5 × 10 | 1 × 7 |
| 8 × 3 | 6 × 1 | 0 × 8 | 6 × 7 | 1 × 10 | 10 × 4 | 0 × 4 | 5 × 12 | 9 × 7 | 0 × 6 |
| 10 × 11 | 11 × 8 | 9 × 8 | 9 × 5 | 3 × 10 | 0 × 5 | 2 × 8 | 6 × 12 | 4 × 1 | 11 × 6 |
| 5 × 8 | 10 × 8 | 0 × 0 | 9 × 9 | 8 × 7 | 10 × 7 | 2 × 6 | 5 × 2 | 5 × 5 | 12 × 2 |
| 12 × 0 | 11 × 3 | 10 × 0 | 3 × 3 | 3 × 2 | 1 × 5 | 8 × 6 | 4 × 4 | 12 × 10 | 0 × 2 |
| 1 × 8 | 1 × 11 | 2 × 1 | 6 × 9 | 2 × 9 | 9 × 1 | 6 × 3 | 12 × 11 | 12 × 8 | 7 × 0 |
| 2 × 2 | 12 × 1 | 1 × 1 | 7 × 11 | 4 × 7 | 7 × 2 | 11 × 11 | 10 × 2 | 6 × 6 | 10 × 9 |
| 3 × 1 | 6 × 6 | 5 × 0 | 9 × 10 | 8 × 5 | 3 × 3 | 5 × 12 | 2 × 8 | 12 × 1 | 12 × 3 |

# Multiplication Facts to 144 (U)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 × 11 | 5 × 7 | 5 × 5 | 6 × 0 | 12 × 6 | 8 × 6 | 5 × 2 | 11 × 4 | 10 × 5 | 11 × 10 |
| 11 × 7 | 11 × 9 | 5 × 11 | 2 × 8 | 12 × 7 | 9 × 7 | 8 × 7 | 11 × 2 | 3 × 1 | 7 × 7 |
| 6 × 10 | 12 × 5 | 0 × 3 | 1 × 9 | 3 × 12 | 10 × 1 | 10 × 8 | 2 × 6 | 4 × 5 | 3 × 3 |
| 12 × 11 | 11 × 8 | 3 × 4 | 7 × 6 | 12 × 12 | 4 × 0 | 4 × 8 | 8 × 0 | 11 × 11 | 0 × 0 |
| 9 × 8 | 9 × 5 | 7 × 4 | 1 × 8 | 0 × 9 | 4 × 2 | 1 × 4 | 4 × 10 | 2 × 9 | 4 × 4 |
| 3 × 9 | 9 × 10 | 4 × 9 | 11 × 3 | 12 × 10 | 9 × 6 | 8 × 5 | 0 × 11 | 12 × 1 | 0 × 2 |
| 11 × 6 | 1 × 2 | 12 × 8 | 6 × 6 | 10 × 3 | 4 × 6 | 10 × 10 | 9 × 9 | 0 × 1 | 7 × 2 |
| 7 × 10 | 3 × 7 | 12 × 9 | 10 × 2 | 2 × 2 | 5 × 1 | 6 × 1 | 6 × 5 | 3 × 8 | 2 × 3 |
| 3 × 6 | 5 × 0 | 4 × 12 | 7 × 1 | 5 × 3 | 0 × 12 | 12 × 2 | 8 × 8 | 7 × 0 | 1 × 1 |
| 0 × 10 | 3 × 0 | 7 × 6 | 0 × 4 | 3 × 10 | 2 × 2 | 10 × 7 | 5 × 12 | 12 × 0 | 10 × 8 |

# Multiplication Facts to 144 (V)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0 × 0 | 3 × 3 | 6 × 10 | 0 × 3 | 4 × 7 | 12 × 12 | 9 × 4 | 4 × 6 | 5 × 0 | 11 × 10 |
| 9 × 3 | 7 × 8 | 1 × 1 | 5 × 3 | 0 × 8 | 7 × 7 | 10 × 12 | 1 × 5 | 11 × 11 | 9 × 7 |
| 5 × 5 | 7 × 5 | 2 × 7 | 11 × 8 | 2 × 0 | 9 × 8 | 1 × 11 | 8 × 2 | 2 × 2 | 3 × 8 |
| 12 × 2 | 11 × 2 | 8 × 10 | 5 × 12 | 1 × 4 | 4 × 5 | 9 × 9 | 5 × 6 | 10 × 2 | 10 × 10 |
| 0 × 6 | 5 × 11 | 12 × 11 | 4 × 4 | 9 × 10 | 0 × 9 | 6 × 9 | 2 × 4 | 9 × 11 | 1 × 9 |
| 3 × 4 | 6 × 11 | 3 × 6 | 5 × 10 | 0 × 11 | 8 × 8 | 2 × 5 | 10 × 3 | 10 × 1 | 8 × 4 |
| 2 × 1 | 0 × 12 | 1 × 8 | 7 × 6 | 0 × 4 | 12 × 8 | 9 × 5 | 1 × 7 | 9 × 2 | 7 × 12 |
| 6 × 2 | 11 × 4 | 7 × 0 | 5 × 8 | 1 × 6 | 7 × 11 | 8 × 6 | 10 × 7 | 0 × 1 | 1 × 12 |
| 12 × 6 | 3 × 12 | 3 × 2 | 6 × 6 | 12 × 4 | 9 × 12 | 11 × 3 | 10 × 0 | 1 × 3 | 7 × 3 |
| 4 × 10 | 9 × 0 | 12 × 9 | 2 × 12 | 7 × 6 | 0 × 2 | 0 × 4 | 7 × 4 | 0 × 11 | 1 × 3 |

# Multiplication Facts to 144 (W)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 7 × 6 | 6 × 1 | 7 × 0 | 6 × 11 | 10 × 2 | 3 × 2 | 6 × 8 | 10 × 3 | 4 × 4 | 8 × 8 |
| 5 × 8 | 12 × 9 | 6 × 5 | 3 × 4 | 10 × 5 | 12 × 5 | 0 × 8 | 4 × 6 | 8 × 4 | 11 × 3 |
| 3 × 3 | 9 × 2 | 1 × 4 | 5 × 9 | 9 × 4 | 4 × 10 | 8 × 1 | 6 × 10 | 6 × 0 | 0 × 0 |
| 6 × 9 | 9 × 7 | 2 × 2 | 11 × 4 | 0 × 10 | 10 × 7 | 9 × 11 | 3 × 12 | 9 × 3 | 5 × 3 |
| 3 × 8 | 7 × 1 | 7 × 2 | 8 × 7 | 2 × 1 | 12 × 2 | 12 × 8 | 5 × 2 | 8 × 2 | 12 × 12 |
| 7 × 7 | 0 × 5 | 3 × 6 | 9 × 10 | 9 × 9 | 7 × 4 | 12 × 4 | 0 × 2 | 1 × 11 | 9 × 1 |
| 6 × 6 | 3 × 1 | 12 × 1 | 7 × 5 | 11 × 7 | 10 × 12 | 11 × 12 | 0 × 11 | 2 × 4 | 5 × 5 |
| 5 × 1 | 4 × 5 | 10 × 8 | 0 × 4 | 6 × 12 | 11 × 11 | 3 × 7 | 12 × 0 | 1 × 1 | 3 × 0 |
| 0 × 1 | 9 × 0 | 2 × 11 | 8 × 11 | 6 × 2 | 11 × 10 | 1 × 10 | 11 × 5 | 10 × 10 | 9 × 8 |
| 12 × 7 | 8 × 5 | 10 × 4 | 11 × 9 | 5 × 0 | 9 × 5 | 7 × 2 | 4 × 0 | 0 × 9 | 0 × 12 |

# Multiplication Facts to 144 (X)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 5 × 5 | 9 × 3 | 0 × 9 | 9 × 7 | 4 × 0 | 2 × 0 | 7 × 12 | 3 × 7 | 11 × 9 | 8 × 4 |
| 10 × 8 | 5 × 7 | 1 × 3 | 2 × 6 | 4 × 9 | 3 × 11 | 11 × 0 | 4 × 7 | 6 × 1 | 11 × 5 |
| 12 × 9 | 9 × 9 | 2 × 3 | 6 × 6 | 1 × 4 | 3 × 3 | 3 × 8 | 0 × 5 | 5 × 12 | 6 × 7 |
| 10 × 0 | 8 × 1 | 6 × 8 | 3 × 12 | 8 × 12 | 8 × 7 | 1 × 12 | 2 × 5 | 9 × 8 | 5 × 3 |
| 2 × 4 | 8 × 2 | 11 × 4 | 6 × 9 | 5 × 6 | 10 × 9 | 6 × 4 | 11 × 10 | 12 × 0 | 11 × 6 |
| 9 × 2 | 10 × 4 | 6 × 12 | 11 × 7 | 2 × 2 | 5 × 8 | 11 × 8 | 9 × 5 | 7 × 0 | 1 × 1 |
| 12 × 2 | 3 × 4 | 1 × 10 | 11 × 11 | 5 × 4 | 0 × 1 | 0 × 6 | 8 × 8 | 2 × 1 | 4 × 4 |
| 4 × 12 | 6 × 3 | 2 × 7 | 5 × 1 | 0 × 0 | 1 × 9 | 10 × 2 | 7 × 1 | 11 × 1 | 12 × 11 |
| 10 × 3 | 10 × 5 | 0 × 8 | 2 × 11 | 12 × 10 | 10 × 6 | 10 × 10 | 0 × 3 | 12 × 12 | 7 × 7 |
| 7 × 10 | 1 × 12 | 3 × 3 | 2 × 2 | 12 × 9 | 0 × 2 | 10 × 5 | 6 × 0 | 0 × 11 | 5 × 6 |

# Multiplication Facts to 144 (Y)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3 × 4 | 9 × 12 | 12 × 12 | 0 × 8 | 0 × 1 | 7 × 1 | 3 × 8 | 5 × 2 | 8 × 10 | 8 × 11 |
| 6 × 9 | 6 × 11 | 11 × 10 | 9 × 5 | 5 × 7 | 0 × 7 | 3 × 7 | 6 × 5 | 10 × 1 | 11 × 12 |
| 0 × 0 | 12 × 6 | 6 × 0 | 8 × 5 | 1 × 3 | 2 × 8 | 0 × 12 | 11 × 3 | 1 × 12 | 3 × 2 |
| 10 × 7 | 3 × 9 | 8 × 12 | 12 × 10 | 9 × 11 | 3 × 3 | 2 × 11 | 5 × 11 | 4 × 8 | 1 × 9 |
| 12 × 4 | 12 × 2 | 9 × 7 | 11 × 1 | 4 × 11 | 9 × 0 | 9 × 10 | 6 × 8 | 4 × 9 | 5 × 5 |
| 9 × 9 | 4 × 10 | 10 × 5 | 10 × 6 | 2 × 1 | 6 × 6 | 2 × 7 | 10 × 3 | 2 × 9 | 6 × 4 |
| 5 × 0 | 8 × 1 | 1 × 1 | 8 × 7 | 10 × 10 | 10 × 2 | 12 × 7 | 8 × 9 | 2 × 2 | 6 × 7 |
| 4 × 4 | 4 × 0 | 2 × 0 | 6 × 2 | 7 × 4 | 3 × 6 | 2 × 4 | 3 × 0 | 1 × 5 | 4 × 1 |
| 12 × 3 | 7 × 7 | 3 × 5 | 6 × 1 | 5 × 12 | 8 × 8 | 11 × 0 | 11 × 7 | 4 × 5 | 0 × 10 |
| 11 × 11 | 0 × 3 | 6 × 1 | 8 × 11 | 3 × 5 | 1 × 2 | 2 × 9 | 12 × 7 | 7 × 0 | 7 × 7 |

# Multiplication Facts to 144 (Z)

Name: _____ Date: _____ Score: ____ /100

Calculate each product.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 4 × 4 | 5 × 12 | 1 × 1 | 8 × 6 | 10 × 5 | 9 × 3 | 1 × 8 | 8 × 9 | 9 × 1 | 0 × 7 |
| 11 × 6 | 0 × 5 | 11 × 2 | 6 × 12 | 7 × 11 | 11 × 1 | 6 × 10 | 4 × 3 | 8 × 2 | 5 × 11 |
| 2 × 4 | 1 × 2 | 4 × 10 | 1 × 7 | 2 × 6 | 0 × 8 | 8 × 8 | 5 × 5 | 9 × 12 | 8 × 4 |
| 11 × 3 | 0 × 4 | 11 × 11 | 9 × 6 | 0 × 9 | 1 × 3 | 3 × 3 | 11 × 9 | 6 × 5 | 10 × 7 |
| 12 × 3 | 3 × 10 | 0 × 0 | 7 × 3 | 12 × 2 | 8 × 5 | 8 × 10 | 5 × 3 | 9 × 2 | 6 × 6 |
| 12 × 11 | 1 × 5 | 9 × 7 | 3 × 2 | 9 × 9 | 7 × 4 | 0 × 2 | 9 × 10 | 12 × 8 | 3 × 0 |
| 7 × 12 | 7 × 7 | 5 × 4 | 1 × 12 | 6 × 7 | 10 × 10 | 6 × 4 | 6 × 0 | 7 × 2 | 0 × 11 |
| 4 × 9 | 10 × 12 | 1 × 4 | 11 × 10 | 2 × 5 | 2 × 2 | 1 × 10 | 6 × 1 | 7 × 8 | 12 × 12 |
| 8 × 11 | 0 × 1 | 3 × 6 | 10 × 2 | 0 × 10 | 8 × 3 | 12 × 4 | 11 × 4 | 7 × 5 | 0 × 12 |
| 5 × 9 | 7 × 7 | 0 × 8 | 8 × 8 | 2 × 11 | 4 × 8 | 7 × 8 | 2 × 0 | 4 × 7 | 12 × 11 |

# Division Facts (A)

Find each quotient.

| | | | |
|---|---|---|---|
| $6 \div 3 =$ | $9 \div 3 =$ | $5 \div 5 =$ | $25 \div 5 =$ |
| $2 \div 2 =$ | $42 \div 6 =$ | $56 \div 7 =$ | $6 \div 6 =$ |
| $96 \div 8 =$ | $16 \div 8 =$ | $18 \div 3 =$ | $45 \div 9 =$ |
| $20 \div 2 =$ | $120 \div 10 =$ | $18 \div 2 =$ | $60 \div 6 =$ |
| $56 \div 8 =$ | $32 \div 8 =$ | $12 \div 2 =$ | $24 \div 8 =$ |
| $77 \div 11 =$ | $7 \div 7 =$ | $30 \div 5 =$ | $8 \div 8 =$ |
| $16 \div 4 =$ | $66 \div 11 =$ | $12 \div 3 =$ | $30 \div 3 =$ |
| $20 \div 5 =$ | $72 \div 12 =$ | $9 \div 1 =$ | $14 \div 2 =$ |
| $21 \div 3 =$ | $12 \div 6 =$ | $30 \div 6 =$ | $63 \div 7 =$ |
| $1 \div 1 =$ | $9 \div 9 =$ | $54 \div 9 =$ | $108 \div 9 =$ |
| $132 \div 12 =$ | $28 \div 4 =$ | $6 \div 1 =$ | $10 \div 2 =$ |
| $132 \div 11 =$ | $36 \div 6 =$ | $3 \div 3 =$ | $12 \div 12 =$ |
| $48 \div 6 =$ | $36 \div 12 =$ | $2 \div 1 =$ | $24 \div 12 =$ |
| $72 \div 6 =$ | $8 \div 2 =$ | $3 \div 1 =$ | $24 \div 2 =$ |
| $15 \div 3 =$ | $36 \div 9 =$ | $40 \div 8 =$ | $22 \div 2 =$ |
| $40 \div 10 =$ | $36 \div 4 =$ | $21 \div 7 =$ | $35 \div 5 =$ |
| $10 \div 10 =$ | $40 \div 4 =$ | $4 \div 1 =$ | $7 \div 1 =$ |
| $110 \div 11 =$ | $24 \div 4 =$ | $8 \div 1 =$ | $48 \div 12 =$ |
| $72 \div 8 =$ | $121 \div 11 =$ | $4 \div 2 =$ | $36 \div 3 =$ |
| $50 \div 10 =$ | $63 \div 9 =$ | $35 \div 7 =$ | $72 \div 9 =$ |
| $20 \div 10 =$ | $144 \div 12 =$ | $80 \div 8 =$ | $80 \div 10 =$ |
| $27 \div 3 =$ | $108 \div 12 =$ | $48 \div 8 =$ | $24 \div 3 =$ |
| $88 \div 8 =$ | $16 \div 2 =$ | $70 \div 10 =$ | $64 \div 8 =$ |
| $28 \div 7 =$ | $33 \div 11 =$ | $6 \div 2 =$ | $120 \div 12 =$ |
| $90 \div 10 =$ | $10 \div 1 =$ | $18 \div 9 =$ | $32 \div 4 =$ |

# Division Facts (B)

Find each quotient.

| | | | |
|---|---|---|---|
| $70 \div 7 =$ | $49 \div 7 =$ | $54 \div 6 =$ | $81 \div 9 =$ |
| $60 \div 10 =$ | $84 \div 12 =$ | $8 \div 4 =$ | $20 \div 4 =$ |
| $18 \div 6 =$ | $66 \div 6 =$ | $99 \div 9 =$ | $90 \div 9 =$ |
| $50 \div 5 =$ | $84 \div 7 =$ | $33 \div 3 =$ | $44 \div 11 =$ |
| $100 \div 10 =$ | $24 \div 6 =$ | $96 \div 12 =$ | $30 \div 10 =$ |
| $12 \div 4 =$ | $27 \div 9 =$ | $10 \div 5 =$ | $11 \div 11 =$ |
| $110 \div 10 =$ | $42 \div 7 =$ | $99 \div 11 =$ | $22 \div 11 =$ |
| $11 \div 1 =$ | $5 \div 1 =$ | $77 \div 7 =$ | $55 \div 5 =$ |
| $14 \div 7 =$ | $60 \div 12 =$ | $48 \div 4 =$ | $45 \div 5 =$ |
| $4 \div 4 =$ | $44 \div 4 =$ | $88 \div 11 =$ | $12 \div 1 =$ |
| $40 \div 5 =$ | $60 \div 5 =$ | $15 \div 5 =$ | $55 \div 11 =$ |
| $20 \div 5 =$ | $50 \div 10 =$ | $108 \div 9 =$ | $3 \div 1 =$ |
| $96 \div 12 =$ | $8 \div 1 =$ | $11 \div 1 =$ | $45 \div 5 =$ |
| $28 \div 7 =$ | $54 \div 6 =$ | $8 \div 2 =$ | $22 \div 2 =$ |
| $4 \div 4 =$ | $56 \div 7 =$ | $24 \div 3 =$ | $25 \div 5 =$ |
| $32 \div 8 =$ | $36 \div 3 =$ | $9 \div 9 =$ | $22 \div 11 =$ |
| $2 \div 1 =$ | $108 \div 12 =$ | $35 \div 5 =$ | $6 \div 1 =$ |
| $60 \div 12 =$ | $16 \div 8 =$ | $36 \div 12 =$ | $9 \div 1 =$ |
| $121 \div 11 =$ | $8 \div 4 =$ | $9 \div 3 =$ | $72 \div 12 =$ |
| $4 \div 1 =$ | $77 \div 7 =$ | $10 \div 2 =$ | $36 \div 4 =$ |
| $24 \div 8 =$ | $6 \div 3 =$ | $30 \div 3 =$ | $16 \div 4 =$ |
| $70 \div 7 =$ | $42 \div 7 =$ | $44 \div 11 =$ | $144 \div 12 =$ |
| $18 \div 9 =$ | $99 \div 9 =$ | $70 \div 10 =$ | $18 \div 3 =$ |
| $12 \div 6 =$ | $21 \div 7 =$ | $30 \div 10 =$ | $24 \div 4 =$ |
| $14 \div 2 =$ | $15 \div 3 =$ | $132 \div 11 =$ | $24 \div 12 =$ |

# Division Facts (C)

Find each quotient.

| | | | |
|---|---|---|---|
| $72 \div 8 =$ | $10 \div 10 =$ | $27 \div 9 =$ | $48 \div 4 =$ |
| $60 \div 10 =$ | $33 \div 3 =$ | $132 \div 12 =$ | $5 \div 1 =$ |
| $60 \div 5 =$ | $20 \div 10 =$ | $11 \div 11 =$ | $12 \div 3 =$ |
| $20 \div 4 =$ | $96 \div 8 =$ | $10 \div 5 =$ | $49 \div 7 =$ |
| $27 \div 3 =$ | $5 \div 5 =$ | $35 \div 7 =$ | $48 \div 12 =$ |
| $10 \div 1 =$ | $24 \div 2 =$ | $88 \div 8 =$ | $55 \div 11 =$ |
| $7 \div 1 =$ | $33 \div 11 =$ | $21 \div 3 =$ | $1 \div 1 =$ |
| $12 \div 1 =$ | $120 \div 10 =$ | $63 \div 7 =$ | $90 \div 9 =$ |
| $12 \div 2 =$ | $84 \div 12 =$ | $64 \div 8 =$ | $110 \div 10 =$ |
| $32 \div 4 =$ | $7 \div 7 =$ | $56 \div 8 =$ | $15 \div 5 =$ |
| $84 \div 7 =$ | $6 \div 6 =$ | $90 \div 10 =$ | $18 \div 2 =$ |
| $120 \div 12 =$ | $20 \div 2 =$ | $30 \div 6 =$ | $14 \div 7 =$ |
| $66 \div 11 =$ | $3 \div 3 =$ | $12 \div 12 =$ | $55 \div 5 =$ |
| $80 \div 8 =$ | $40 \div 5 =$ | $110 \div 11 =$ | $30 \div 5 =$ |
| $16 \div 2 =$ | $40 \div 10 =$ | $50 \div 5 =$ | $40 \div 4 =$ |
| $77 \div 11 =$ | $18 \div 6 =$ | $80 \div 10 =$ | $48 \div 8 =$ |
| $72 \div 6 =$ | $100 \div 10 =$ | $60 \div 6 =$ | $28 \div 4 =$ |
| $45 \div 9 =$ | $81 \div 9 =$ | $36 \div 9 =$ | $99 \div 11 =$ |
| $12 \div 4 =$ | $63 \div 9 =$ | $72 \div 9 =$ | $88 \div 11 =$ |
| $44 \div 4 =$ | $54 \div 9 =$ | $40 \div 8 =$ | $24 \div 6 =$ |
| $66 \div 6 =$ | $6 \div 2 =$ | $2 \div 2 =$ | $48 \div 6 =$ |
| $36 \div 6 =$ | $8 \div 8 =$ | $42 \div 6 =$ | $4 \div 2 =$ |
| $36 \div 6 =$ | $32 \div 4 =$ | $56 \div 8 =$ | $27 \div 3 =$ |
| $40 \div 5 =$ | $90 \div 9 =$ | $32 \div 8 =$ | $96 \div 12 =$ |
| $10 \div 10 =$ | $72 \div 6 =$ | $16 \div 2 =$ | $48 \div 6 =$ |

# Division Facts (D)

Find each quotient.

| | | | |
|---|---|---|---|
| $36 \div 9 =$ | $12 \div 12 =$ | $60 \div 12 =$ | $132 \div 12 =$ |
| $120 \div 10 =$ | $108 \div 9 =$ | $33 \div 3 =$ | $18 \div 9 =$ |
| $12 \div 2 =$ | $35 \div 7 =$ | $144 \div 12 =$ | $16 \div 8 =$ |
| $20 \div 2 =$ | $48 \div 8 =$ | $6 \div 3 =$ | $60 \div 5 =$ |
| $72 \div 9 =$ | $12 \div 6 =$ | $108 \div 12 =$ | $30 \div 3 =$ |
| $30 \div 6 =$ | $22 \div 11 =$ | $36 \div 12 =$ | $12 \div 3 =$ |
| $81 \div 9 =$ | $20 \div 10 =$ | $77 \div 11 =$ | $12 \div 4 =$ |
| $99 \div 9 =$ | $54 \div 6 =$ | $24 \div 6 =$ | $18 \div 2 =$ |
| $50 \div 10 =$ | $9 \div 9 =$ | $24 \div 3 =$ | $28 \div 7 =$ |
| $9 \div 1 =$ | $7 \div 7 =$ | $24 \div 12 =$ | $40 \div 8 =$ |
| $28 \div 4 =$ | $45 \div 9 =$ | $7 \div 1 =$ | $10 \div 5 =$ |
| $120 \div 12 =$ | $42 \div 6 =$ | $48 \div 4 =$ | $3 \div 3 =$ |
| $18 \div 6 =$ | $110 \div 10 =$ | $6 \div 6 =$ | $25 \div 5 =$ |
| $110 \div 11 =$ | $36 \div 3 =$ | $84 \div 12 =$ | $54 \div 9 =$ |
| $21 \div 7 =$ | $36 \div 4 =$ | $33 \div 11 =$ | $63 \div 7 =$ |
| $48 \div 12 =$ | $2 \div 2 =$ | $21 \div 3 =$ | $50 \div 5 =$ |
| $55 \div 5 =$ | $96 \div 8 =$ | $63 \div 9 =$ | $88 \div 11 =$ |
| $72 \div 8 =$ | $66 \div 6 =$ | $30 \div 5 =$ | $20 \div 5 =$ |
| $121 \div 11 =$ | $5 \div 1 =$ | $132 \div 11 =$ | $44 \div 4 =$ |
| $30 \div 10 =$ | $4 \div 1 =$ | $5 \div 5 =$ | $80 \div 8 =$ |
| $16 \div 4 =$ | $72 \div 12 =$ | $66 \div 11 =$ | $77 \div 7 =$ |
| $15 \div 3 =$ | $24 \div 8 =$ | $18 \div 3 =$ | $11 \div 11 =$ |
| $27 \div 9 =$ | $24 \div 2 =$ | $24 \div 4 =$ | $60 \div 6 =$ |
| $22 \div 2 =$ | $55 \div 11 =$ | $1 \div 1 =$ | $35 \div 5 =$ |
| $45 \div 5 =$ | $10 \div 2 =$ | $20 \div 4 =$ | $11 \div 1 =$ |

# Division Facts (E)

Find each quotient.

| | | | |
|---|---|---|---|
| $80 \div 10 =$ | $8 \div 2 =$ | $2 \div 1 =$ | $15 \div 5 =$ |
| $10 \div 1 =$ | $40 \div 4 =$ | $8 \div 8 =$ | $49 \div 7 =$ |
| $88 \div 8 =$ | $3 \div 1 =$ | $9 \div 3 =$ | $56 \div 7 =$ |
| $12 \div 1 =$ | $64 \div 8 =$ | $6 \div 2 =$ | $70 : 7 =$ |
| $4 \div 4 =$ | $14 \div 2 =$ | $70 \div 10 =$ | $44 \div 11 =$ |
| $14 \div 7 =$ | $8 \div 4 =$ | $100 \div 10 =$ | $42 \div 7 =$ |
| $99 \div 11 =$ | $40 \div 10 =$ | $8 \div 1 =$ | $4 \div 2 =$ |
| $6 \div 1 =$ | $84 \div 7 =$ | $90 \div 10 =$ | $60 \div 10 =$ |
| $40 \div 5 =$ | $6 \div 2 =$ | $60 \div 5 =$ | $30 \div 10 =$ |
| $120 \div 12 =$ | $45 \div 5 =$ | $6 \div 1 =$ | $42 \div 6 =$ |
| $4 \div 4 =$ | $50 \div 5 =$ | $24 \div 2 =$ | $20 \div 5 =$ |
| $6 \div 6 =$ | $50 \div 10 =$ | $44 \div 4 =$ | $28 \div 7 =$ |
| $132 \div 12 =$ | $9 \div 9 =$ | $90 \div 9 =$ | $24 \div 4 =$ |
| $55 \div 11 =$ | $10 \div 1 =$ | $10 \div 10 =$ | $9 \div 1 =$ |
| $32 \div 4 =$ | $32 \div 8 =$ | $20 \div 4 =$ | $35 \div 5 =$ |
| $18 \div 6 =$ | $77 \div 11 =$ | $16 \div 2 =$ | $70 \div 7 =$ |
| $30 \div 5 =$ | $9 \div 3 =$ | $36 \div 4 =$ | $48 \div 6 =$ |
| $7 \div 7 =$ | $48 \div 8 =$ | $6 \div 3 =$ | $60 \div 12 =$ |
| $96 \div 8 =$ | $70 \div 10 =$ | $16 \div 4 =$ | $22 \div 2 =$ |
| $12 \div 4 =$ | $3 \div 1 =$ | $48 \div 4 =$ | $2 \div 2 =$ |
| $10 \div 2 =$ | $55 \div 5 =$ | $72 \div 9 =$ | $56 \div 8 =$ |
| $5 \div 5 =$ | $18 \div 9 =$ | $1 \div 1 =$ | $84 \div 7 =$ |
| $22 \div 11 =$ | $20 \div 2 =$ | $7 \div 1 =$ | $108 \div 9 =$ |
| $33 \div 3 =$ | $5 \div 1 =$ | $72 \div 6 =$ | $36 \div 6 =$ |
| $60 \div 10 =$ | $12 \div 2 =$ | $40 \div 4 =$ | $18 \div 2 =$ |

# Division Facts (F)

Find each quotient.

| | | | |
|---|---|---|---|
| $24 \div 6 =$ | $4 \div 2 =$ | $81 \div 9 =$ | $54 \div 6 =$ |
| $15 \div 5 =$ | $14 \div 7 =$ | $14 \div 2 =$ | $8 \div 2 =$ |
| $96 \div 12 =$ | $45 \div 9 =$ | $11 \div 1 =$ | $12 \div 1 =$ |
| $27 \div 9 =$ | $49 \div 7 =$ | $12 \div 12 =$ | $8 \div 1 =$ |
| $12 \div 3 =$ | $120 \div 10 =$ | $12 \div 6 =$ | $25 \div 5 =$ |
| $90 \div 10 =$ | $40 \div 8 =$ | $56 \div 7 =$ | $10 \div 5 =$ |
| $21 \div 7 =$ | $88 \div 11 =$ | $20 \div 10 =$ | $8 \div 8 =$ |
| $42 \div 7 =$ | $77 \div 7 =$ | $64 \div 8 =$ | $40 \div 10 =$ |
| $108 \div 12 =$ | $63 \div 7 =$ | $30 \div 6 =$ | $11 \div 11 =$ |
| $100 \div 10 =$ | $21 \div 3 =$ | $36 \div 12 =$ | $72 \div 12 =$ |
| $132 \div 11 =$ | $80 \div 10 =$ | $110 \div 10 =$ | $30 \div 3 =$ |
| $35 \div 7 =$ | $48 \div 12 =$ | $28 \div 4 =$ | $15 \div 3 =$ |
| $60 \div 6 =$ | $24 \div 8 =$ | $8 \div 4 =$ | $4 \div 1 =$ |
| $66 \div 6 =$ | $72 \div 8 =$ | $2 \div 1 =$ | $80 \div 8 =$ |
| $99 \div 9 =$ | $88 \div 8 =$ | $24 \div 3 =$ | $84 \div 12 =$ |
| $16 \div 8 =$ | $63 \div 9 =$ | $36 \div 3 =$ | $33 \div 11 =$ |
| $24 \div 12 =$ | $144 \div 12 =$ | $54 \div 9 =$ | $36 \div 9 =$ |
| $18 \div 3 =$ | $27 \div 3 =$ | $121 \div 11 =$ | $99 \div 11 =$ |
| $3 \div 3 =$ | $44 \div 11 =$ | $110 \div 11 =$ | $66 \div 11 =$ |
| $120 \div 10 =$ | $12 \div 6 =$ | $33 \div 3 =$ | $60 \div 10 =$ |
| $56 \div 8 =$ | $18 \div 3 =$ | $15 \div 3 =$ | $77 \div 7 =$ |
| $90 \div 9 =$ | $12 \div 1 =$ | $70 \div 7 =$ | $44 \div 4 =$ |
| $30 \div 5 =$ | $24 \div 4 =$ | $32 \div 4 =$ | $44 \div 11 =$ |
| $24 \div 6 =$ | $32 \div 8 =$ | $96 \div 8 =$ | $36 \div 4 =$ |
| $27 \div 3 =$ | $8 \div 1 =$ | $5 \div 1 =$ | $48 \div 4 =$ |

# Division Facts (G)

Find each quotient.

| | | | |
|---|---|---|---|
| $6 \div 1 =$ | $45 \div 5 =$ | $11 \div 1 =$ | $4 \div 1 =$ |
| $14 \div 2 =$ | $20 \div 4 =$ | $36 \div 9 =$ | $8 \div 4 =$ |
| $6 \div 3 =$ | $1 \div 1 =$ | $72 \div 9 =$ | $7 \div 7 =$ |
| $48 \div 12 =$ | $63 : 9 =$ | $63 \div 7 =$ | $56 \div 7 -$ |
| $84 \div 7 =$ | $22 \div 2 =$ | $8 \div 2 =$ | $16 \div 2 =$ |
| $14 \div 7 =$ | $54 \div 9 =$ | $144 \div 12 =$ | $77 \div 11 =$ |
| $11 \div 11 =$ | $10 \div 1 =$ | $10 \div 10 =$ | $9 \div 1 =$ |
| $36 \div 3 =$ | $22 \div 11 =$ | $7 \div 1 =$ | $18 \div 9 =$ |
| $121 \div 11 =$ | $40 \div 10 =$ | $2 \div 2 =$ | $8 \div 8 =$ |
| $35 \div 7 =$ | $24 \div 3 =$ | $42 \div 7 =$ | $12 \div 4 =$ |
| $2 \div 1 =$ | $20 \div 2 =$ | $3 \div 3 =$ | $40 \div 8 =$ |
| $40 \div 4 =$ | $66 \div 11 =$ | $21 \div 7 =$ | $28 \div 7 =$ |
| $28 \div 4 =$ | $9 \div 9 =$ | $108 \div 12 =$ | $99 \div 11 =$ |
| $60 \div 5 =$ | $16 \div 4 =$ | $108 \div 9 =$ | $4 \div 4 =$ |
| $40 \div 5 =$ | $18 \div 2 =$ | $80 \div 10 =$ | $24 \div 2 =$ |
| $70 \div 10 =$ | $72 \div 8 =$ | $90 \div 10 =$ | $3 \div 1 =$ |
| $10 \div 2 =$ | $54 \div 6 =$ | $36 \div 6 =$ | $30 \div 3 =$ |
| $80 \div 8 =$ | $60 \div 6 =$ | $9 \div 3 =$ | $49 \div 7 =$ |
| $15 \div 5 =$ | $48 \div 6 =$ | $4 \div 2 =$ | $55 \div 5 =$ |
| $27 \div 9 =$ | $110 \div 10 =$ | $16 \div 8 =$ | $24 \div 8 =$ |
| $72 \div 12 =$ | $64 \div 8 =$ | $10 \div 5 =$ | $88 \div 11 =$ |
| $81 \div 9 =$ | $20 \div 10 =$ | $55 \div 11 =$ | $120 \div 12 =$ |
| $12 \div 3 =$ | $21 \div 3 =$ | $48 \div 8 =$ | $110 \div 11 =$ |
| $42 \div 6 =$ | $36 \div 12 =$ | $132 \div 11 =$ | $6 \div 2 =$ |
| $12 \div 12 =$ | $33 \div 11 =$ | $12 \div 2 =$ | $72 \div 6 =$ |

# Division Facts (H)

Find each quotient.

| | | | |
|---|---|---|---|
| $30 \div 6 =$ | $45 \div 9 =$ | $50 \div 10 =$ | $96 \div 12 =$ |
| $18 \div 6 =$ | $99 \div 9 =$ | $88 \div 8 =$ | $30 \div 10 =$ |
| $100 \div 10 =$ | $50 \div 5 =$ | $20 \div 5 =$ | $132 \div 12 =$ |
| $84 \div 12 =$ | $35 \div 5 =$ | $6 \div 6 =$ | $66 \div 6 =$ |
| $25 \div 5 =$ | $60 \div 12 =$ | $5 \div 5 =$ | $24 \div 12 =$ |
| $2 \div 2 =$ | $4 \div 4 =$ | $9 \div 3 =$ | $48 \div 8 =$ |
| $3 \div 1 =$ | $24 \div 2 =$ | $108 \div 12 =$ | $21 \div 3 =$ |
| $32 \div 4 =$ | $8 \div 2 =$ | $9 \div 9 =$ | $3 \div 3 =$ |
| $90 \div 9 =$ | $6 \div 1 =$ | $66 \div 11 =$ | $35 \div 7 =$ |
| $27 \div 9 =$ | $12 \div 4 =$ | $8 \div 4 =$ | $36 \div 3 =$ |
| $33 \div 11 =$ | $12 \div 12 =$ | $81 \div 9 =$ | $16 \div 8 =$ |
| $20 \div 5 =$ | $21 \div 7 =$ | $20 \div 2 =$ | $33 \div 3 =$ |
| $18 \div 9 =$ | $12 \div 6 =$ | $42 \div 6 =$ | $16 \div 4 =$ |
| $48 \div 12 =$ | $18 \div 6 =$ | $88 \div 8 =$ | $60 \div 5 =$ |
| $60 \div 10 =$ | $12 \div 3 =$ | $40 \div 4 =$ | $90 \div 10 =$ |
| $6 \div 3 =$ | $36 \div 4 =$ | $49 \div 7 =$ | $14 \div 7 =$ |
| $36 \div 9 =$ | $56 \div 7 =$ | $24 \div 6 =$ | $22 \div 11 =$ |
| $5 \div 1 =$ | $99 \div 11 =$ | $54 \div 6 =$ | $72 \div 9 =$ |
| $9 \div 1 =$ | $18 \div 2 =$ | $24 \div 3 =$ | $56 \div 8 =$ |
| $40 \div 8 =$ | $108 \div 9 =$ | $36 \div 6 =$ | $40 \div 10 =$ |
| $1 \div 1 =$ | $144 \div 12 =$ | $6 \div 2 =$ | $121 \div 11 =$ |
| $48 \div 4 =$ | $22 \div 2 =$ | $72 \div 8 =$ | $10 \div 5 =$ |
| $14 \div 2 =$ | $63 \div 9 =$ | $120 \div 12 =$ | $64 \div 8 =$ |
| $55 \div 11 =$ | $30 \div 5 =$ | $2 \div 1 =$ | $99 \div 9 =$ |
| $24 \div 4 =$ | $88 \div 11 =$ | $30 \div 10 =$ | $48 \div 6 =$ |

# Division Facts (I)

Find each quotient.

| | | | |
|---|---|---|---|
| $30 \div 3 =$ | $28 \div 4 =$ | $45 \div 9 =$ | $4 \div 2 =$ |
| $54 \div 9 =$ | $20 \div 10 =$ | $132 \div 11 =$ | $16 \div 2 =$ |
| $120 \div 10 =$ | $50 \div 5 =$ | $18 \div 3 =$ | $44 \div 4 =$ |
| $15 \div 3 =$ | $7 \div 7 =$ | $20 \div 4 =$ | $32 \div 8 =$ |
| $27 \div 3 =$ | $77 \div 11 =$ | $11 \div 11 =$ | $110 \div 11 =$ |
| $12 \div 2 =$ | $10 \div 2 =$ | $80 \div 8 =$ | $44 \div 11 =$ |
| $72 \div 6 =$ | $24 \div 8 =$ | $4 \div 1 =$ | $45 \div 5 =$ |
| $96 \div 12 =$ | $50 \div 10 =$ | $77 \div 7 =$ | $15 \div 5 =$ |
| $84 \div 12 =$ | $25 \div 5 =$ | $28 \div 7 =$ | $63 \div 7 =$ |
| $80 \div 10 =$ | $72 \div 12 =$ | $5 \div 5 =$ | $84 \div 7 =$ |
| $66 \div 6 =$ | $40 \div 5 =$ | $42 \div 7 =$ | $30 \div 6 =$ |
| $6 \div 6 =$ | $24 \div 12 =$ | $12 \div 1 =$ | $96 \div 8 =$ |
| $55 \div 5 =$ | $10 \div 1 =$ | $132 \div 12 =$ | $70 \div 10 =$ |
| $10 \div 10 =$ | $70 \div 7 =$ | $35 \div 5 =$ | $60 \div 6 =$ |
| $60 \div 12 =$ | $36 \div 12 =$ | $11 \div 1 =$ | $110 \div 10 =$ |
| $8 \div 8 =$ | $100 \div 10 =$ | $7 \div 1 =$ | $8 \div 1 =$ |
| $72 \div 6 =$ | $9 \div 3 =$ | $49 \div 7 =$ | $36 \div 6 =$ |
| $60 \div 6 =$ | $40 \div 5 =$ | $32 \div 4 =$ | $60 \div 12 =$ |
| $72 \div 12 =$ | $144 \div 12 =$ | $27 \div 9 =$ | $88 \div 11 =$ |
| $121 \div 11 =$ | $36 \div 4 =$ | $132 \div 12 =$ | $120 \div 12 =$ |
| $96 \div 8 =$ | $33 \div 3 =$ | $7 \div 1 =$ | $77 \div 7 =$ |
| $36 \div 3 =$ | $42 \div 6 =$ | $96 \div 12 =$ | $84 \div 7 =$ |
| $54 \div 9 =$ | $132 \div 11 =$ | $12 \div 12 =$ | $18 \div 9 =$ |
| $27 \div 3 =$ | $16 \div 4 =$ | $12 \div 1 =$ | $108 \div 12 =$ |
| $99 \div 11 =$ | $90 \div 9 =$ | $80 \div 8 =$ | $21 \div 3 =$ |

# Division Facts (J)

Find each quotient.

| | | | |
|---|---|---|---|
| $12 \div 6 =$ | $77 \div 11 =$ | $14 \div 7 =$ | $36 \div 12 =$ |
| $33 \div 11 =$ | $70 \div 7 =$ | $56 \div 8 =$ | $40 \div 4 =$ |
| $10 \div 5 =$ | $35 \div 5 =$ | $48 \div 12 =$ | $14 \div 2 =$ |
| $10 \div 1 =$ | $72 \div 8 =$ | $10 \div 2 =$ | $9 \div 9 =$ |
| $11 \div 1 =$ | $6 \div 2 =$ | $45 \div 5 =$ | $15 \div 3 =$ |
| $12 \div 3 =$ | $20 \div 5 =$ | $9 \div 1 =$ | $40 \div 8 =$ |
| $80 \div 10 =$ | $22 \div 2 =$ | $3 \div 3 =$ | $2 \div 1 =$ |
| $30 \div 3 =$ | $50 \div 5 =$ | $18 \div 6 =$ | $42 \div 7 =$ |
| $21 \div 7 =$ | $28 \div 7 =$ | $6 \div 3 =$ | $6 \div 1 =$ |
| $12 \div 4 =$ | $32 \div 8 =$ | $12 \div 2 =$ | $18 \div 3 =$ |
| $16 \div 2 =$ | $24 \div 6 =$ | $16 \div 8 =$ | $55 \div 5 =$ |
| $99 \div 9 =$ | $7 \div 7 =$ | $35 \div 7 =$ | $84 \div 12 =$ |
| $54 \div 6 =$ | $24 \div 12 =$ | $30 \div 6 =$ | $5 \div 1 =$ |
| $36 \div 9 =$ | $55 \div 11 =$ | $1 \div 1 =$ | $6 \div 6 =$ |
| $24 \div 3 =$ | $30 \div 5 =$ | $44 \div 11 =$ | $8 \div 1 =$ |
| $25 \div 5 =$ | $8 \div 8 =$ | $48 \div 4 =$ | $24 \div 2 =$ |
| $45 \div 9 =$ | $60 \div 10 =$ | $8 \div 4 =$ | $4 \div 1 =$ |
| $24 \div 8 =$ | $88 \div 8 =$ | $4 \div 2 =$ | $5 \div 5 =$ |
| $20 \div 4 =$ | $48 \div 6 =$ | $66 \div 6 =$ | $3 \div 1 =$ |
| $60 \div 5 =$ | $63 \div 7 =$ | $20 \div 10 =$ | $56 \div 7 =$ |
| $72 \div 9 =$ | $28 \div 4 =$ | $15 \div 5 =$ | $63 \div 9 =$ |
| $44 \div 4 =$ | $48 \div 8 =$ | $100 \div 10 =$ | $10 \div 10 =$ |
| $18 \div 2 =$ | $2 \div 2 =$ | $8 \div 2 =$ | $4 \div 4 =$ |
| $120 \div 10 =$ | $20 \div 2 =$ | $108 \div 9 =$ | $30 \div 10 =$ |
| $64 \div 8 =$ | $66 \div 11 =$ | $110 \div 10 =$ | $24 \div 4 =$ |

# Two-Digit Addition All Regrouping (A)

Find each sum.

| | | | | | |
|---|---|---|---|---|---|
| 36 + 86 | 81 + 39 | 91 + 79 | 42 + 78 | 77 + 74 | 21 + 99 |
| 82 + 79 | 54 + 76 | 88 + 53 | 65 + 59 | 46 + 68 | 16 + 94 |
| 38 + 95 | 31 + 89 | 61 + 79 | 49 + 78 | 44 + 78 | 49 + 68 |
| 87 + 27 | 55 + 66 | 68 + 54 | 49 + 67 | 37 + 88 | 34 + 99 |
| 38 + 79 | 18 + 92 | 51 + 79 | 23 + 98 | 74 + 48 | 67 + 84 |

# Two-Digit Addition All Regrouping (B)

Find each sum.

| | | | | | |
|---|---|---|---|---|---|
| 13 + 98 | 97 + 47 | 13 + 98 | 28 + 94 | 34 + 86 | 74 + 66 |
| 21 + 99 | 45 + 79 | 85 + 55 | 89 + 97 | 27 + 96 | 47 + 95 |
| 13 + 98 | 71 + 39 | 81 + 39 | 98 + 22 | 76 + 78 | 87 + 26 |
| 78 + 84 | 56 + 58 | 51 + 79 | 96 + 97 | 52 + 68 | 86 + 98 |
| 52 + 59 | 16 + 98 | 68 + 58 | 76 + 74 | 86 + 36 | 46 + 67 |

# Two-Digit Addition All Regrouping (C)

Find each sum.

| | | | | | |
|---|---|---|---|---|---|
| 77 + 95 | 84 + 58 | 83 + 49 | 34 + 97 | 47 + 79 | 16 + 99 |
| 56 + 87 | 52 + 88 | 54 + 59 | 81 + 29 | 31 + 79 | 87 + 86 |
| 73 + 57 | 13 + 99 | 36 + 85 | 28 + 86 | 45 + 86 | 18 + 92 |
| 49 + 86 | 74 + 98 | 13 + 98 | 26 + 89 | 58 + 64 | 44 + 69 |
| 78 + 59 | 27 + 86 | 99 + 96 | 99 + 62 | 68 + 87 | 25 + 98 |

# Subtracting With ALL Regrouping (A)

Name: _____ Date: _____

Calculate each difference.

| | | | | |
|---|---|---|---|---|
| 428 − 49 | 333 − 48 | 604 − 26 | 810 − 37 | 420 − 28 |
| 260 − 72 | 721 − 49 | 840 − 93 | 110 − 49 | 607 − 38 |
| 901 − 68 | 102 − 59 | 621 − 54 | 455 − 56 | 523 − 59 |
| 541 − 73 | 372 − 97 | 148 − 59 | 308 − 59 | 674 − 96 |
| 178 − 89 | 733 − 84 | 717 − 69 | 133 − 69 | 233 − 47 |

# Subtracting With ALL Regrouping (B)

Name: _____ Date: _____

Calculate each difference.

| | | | | |
|---|---|---|---|---|
| 520 − 29 | 546 − 89 | 862 − 89 | 805 − 57 | 244 − 67 |
| 340 − 88 | 602 − 46 | 324 − 25 | 931 − 73 | 730 − 68 |
| 436 − 58 | 521 − 35 | 451 − 84 | 721 − 42 | 150 − 98 |
| 460 − 93 | 141 − 99 | 735 − 38 | 940 − 45 | 101 − 43 |
| 340 − 76 | 324 − 68 | 622 − 57 | 300 − 22 | 962 − 76 |

# Subtracting With ALL Regrouping (C)

Name: _____ Date: _____

Calculate each difference.

| | | | | |
|---|---|---|---|---|
| 930 − 82 | 813 − 39 | 690 − 98 | 561 − 92 | 816 − 57 |
| 821 − 82 | 843 − 64 | 134 − 69 | 225 − 28 | 622 − 67 |
| 611 − 89 | 361 − 68 | 444 − 66 | 337 − 48 | 887 − 89 |
| 630 − 32 | 222 − 25 | 402 − 78 | 225 − 38 | 206 − 29 |
| 366 − 79 | 914 − 89 | 424 − 89 | 224 − 79 | 522 − 68 |