

Name: \_

# Name: \_

Complete each pattern. Write what the rule is.

13, 3, 
$$13\frac{1}{4}$$
,  $3\frac{1}{4}$ ,  $13\frac{1}{2}$ ,  $3\frac{1}{2}$ ,  $3\frac{1}{2}$ ,  $13\frac{1}{2}$ ,  $3\frac{1}{2}$ ,  $13\frac{3}{4}$ ,  $3\frac{3}{4}$ , 14, ,  $14\frac{1}{4}$ 

15, 10, \_\_\_\_, \_\_\_, 
$$15\frac{1}{2}$$
,  $10\frac{1}{2}$   
 $15\frac{3}{4}$ ,  $10\frac{3}{4}$ , 16, 11,  $16\frac{1}{4}$ ,

,

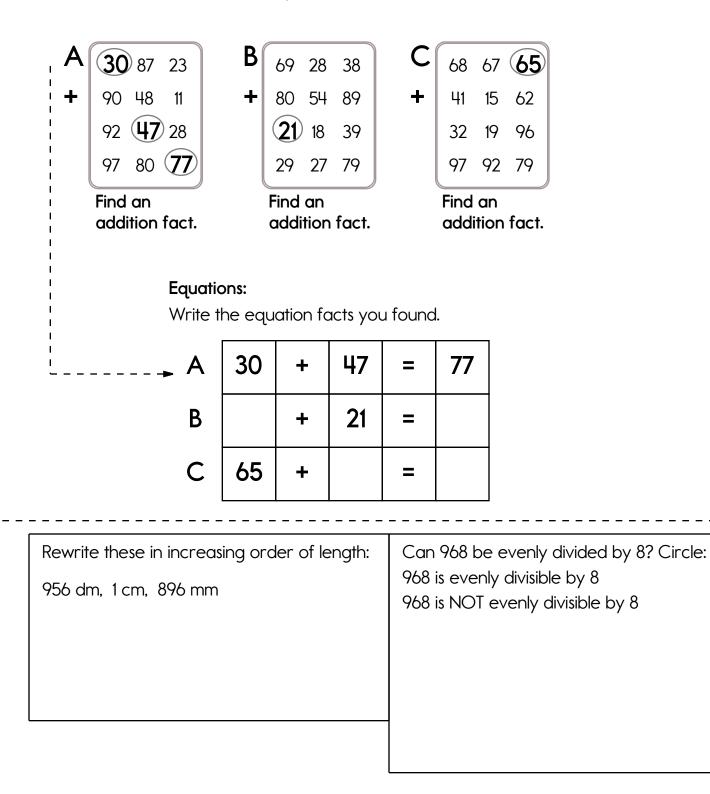
There are two alternating sequences here. Add 
$$\frac{1}{4}$$
 to both.

Complete each pattern. Write what the rule is.

| 51.3 | 45.6 | 39.9 |
|------|------|------|
| 34.2 |      | 22.8 |
| 17.1 | 11.4 |      |

### Name:

Ready to make equations? There is a missing equation in each box. Circle the numbers once you find it!

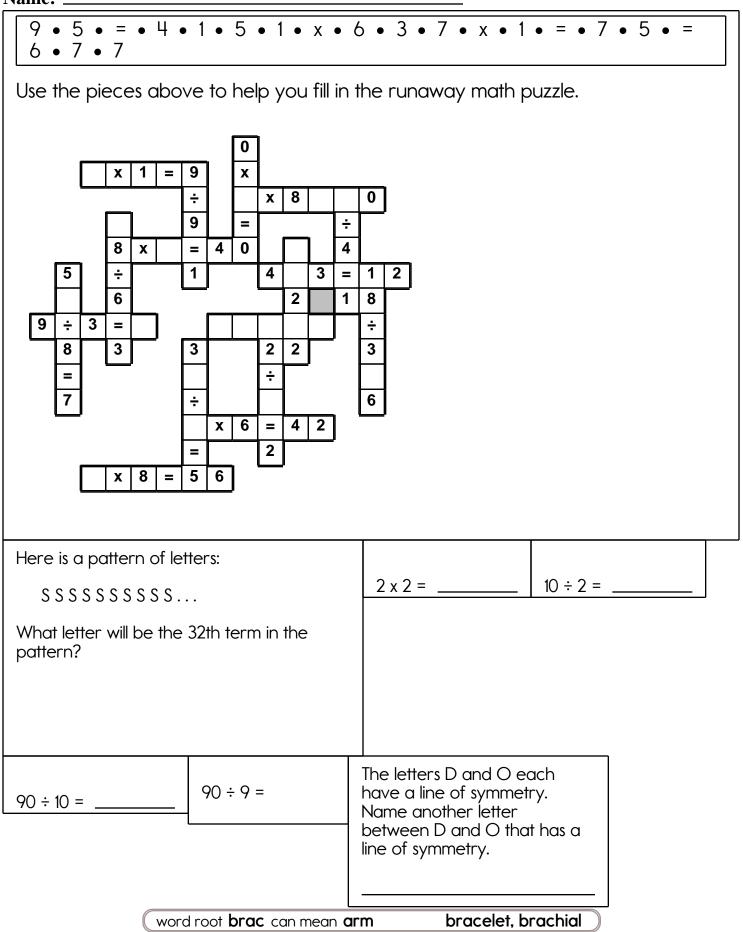


# Eric built a reading loft Justin reads very fast. Mr. Martinez made a pot of Sometimes he isn't sure in his room. The floor of the loft was 6.2 feet what he has read, he tea at his restaurant. The reads so fast. He can long and 6.3 feet wide. pot holds 18 servings of tea. What was the perimeter read 5.5 pages in 0.2 hours. How many pages can he read in 3 hours? of the loft? If each serving is $3\frac{1}{2}$ oz, how many ounces of tea does the pot hold? What number is halfway 442 511 between 11 and 30? 8 x 4 = - 295 + 278 61 828 + 791 = \_\_\_\_\_ 8 ÷ 4 = \_\_\_\_ 39 28 ÷ 7 = 20 7 x 12 = 7 km = \_\_\_\_\_ m $2 \times 3 =$ \_ + 301 cm = 10 mm56 ÷ 7 = $6 \div 3 = .$ 15 cm = \_\_\_\_\_ mm

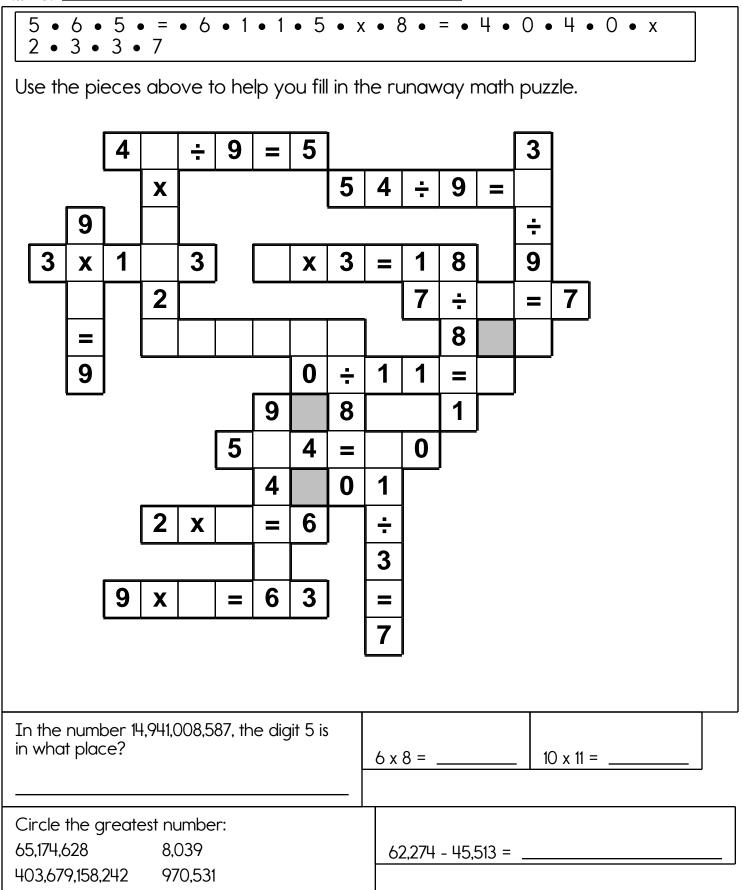
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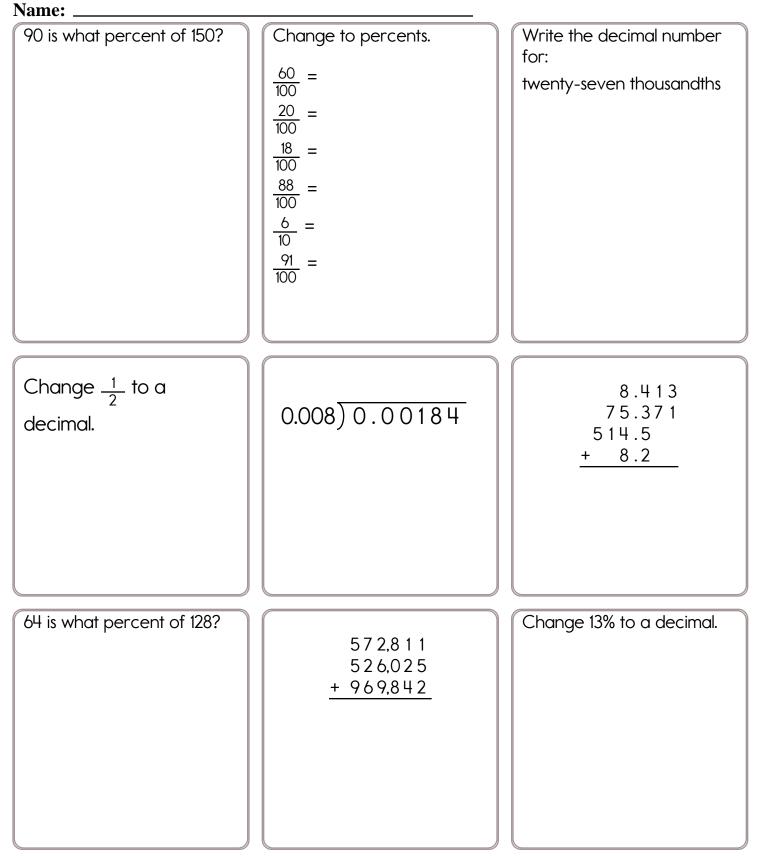
| Name:  |                         |   |                |  |  |  |
|--|-------------------------|---|----------------|--|--|--|
| 74,463 - 72,749 =  |                         | Circle the smallest number:<br>97,294,172,865<br>9,510,456,183<br>2,467,083<br>3,002            |                |  |  |  |
| How many grams are in 3  |                         | 3 kilograms?  | 9 x 4 =        |  |  |  |
| Jacob has three dimes and one quarter.<br>He also has one other coin that is different<br>from the rest of his coins. How much could<br>he have?   |                         | Write an equation to represent this:<br>The difference between nineteen and<br>eight is eleven. |                |  |  |  |
| Hannah cannot open her<br>locker. She knows that the<br>three numbers are: 14, 34,<br>and 39, but she cannot<br>remember the order of the<br>numbers. How many<br>different combinations are<br>there? List ten of them. | 482 is eve<br>482 is NO | be evenly divided by 5?<br>Inly divisible by 5<br>T evenly divisible by 5                       | Circle:        |  |  |  |
| 951 - 742 =  |                         | ircle the digit in the hunc   | dredths place. |  |  |  |
| 955 - 199 =  |                         |   |                |  |  |  |

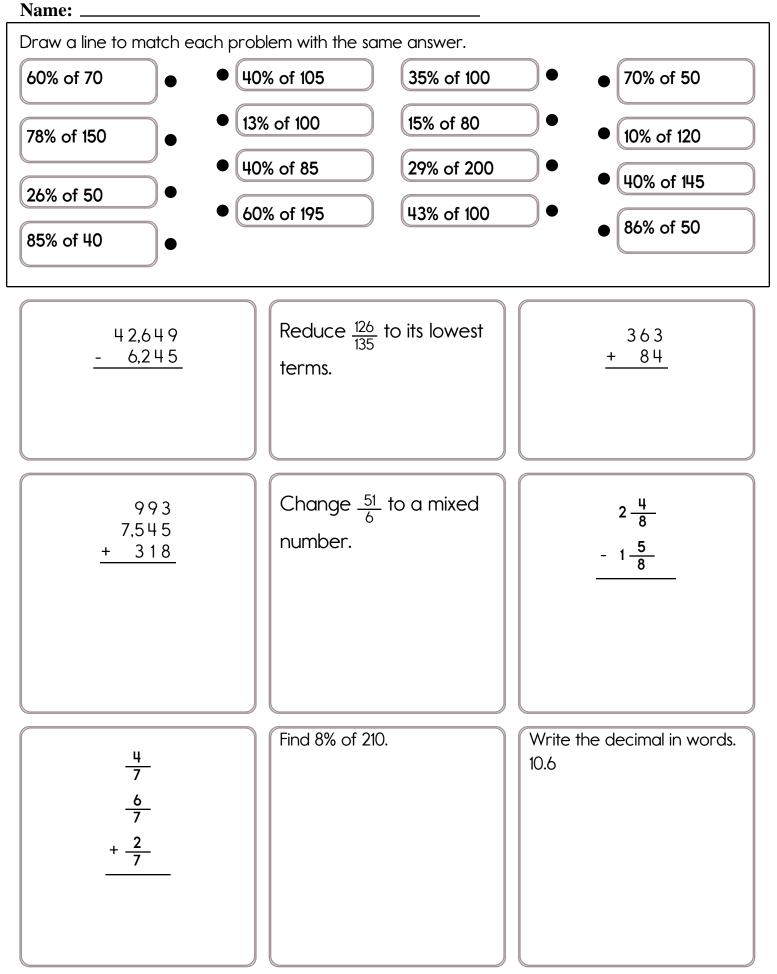




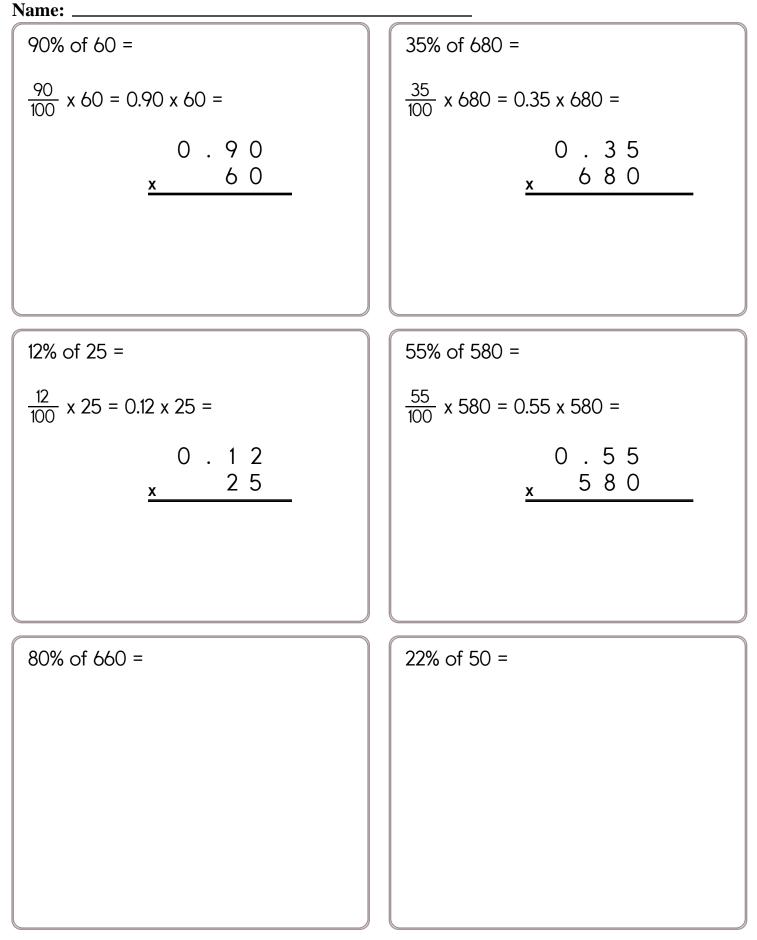
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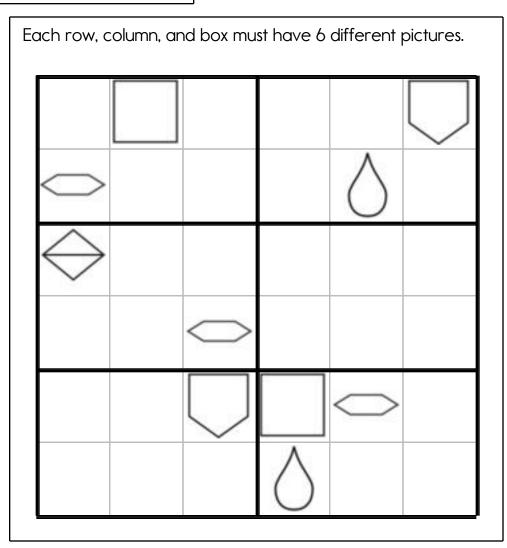
## Name: \_\_\_\_\_

| The Russian Revolution<br>began on November 7,<br>1917. Today the date is<br>celebrated as the Day<br>of Consent and<br>Reconciliation. On<br>November 7, 2024,<br>how many years will<br>have passed since the<br>beginning of the<br>Russian Revolution? | Megan is earning<br>money for her baseball<br>uniform by working on<br>Saturdays. One<br>Saturday she worked 3<br>hours at \$6.53 per hour,<br>and the next Saturday<br>she worked 6 hours at<br>\$5.68 per hour. How<br>much money did she<br>earn on the two<br>Saturdays together? | It takes 0.75 yards of<br>silk to make 2 ties. How<br>many yards of silk does<br>it take to make 350<br>ties?   |
|--|---|---|
| There are 45 trucks in<br>the parking lot of the<br>Midtown Mall. Robert<br>thinks 18 of them are<br>ugly. What is the<br>probability that the<br>next person that gets<br>into a truck will get into<br>an ugly truck?                                    | Consider a piece of<br>paper in the shape of<br>a parallelogram - any<br>parallelogram. How<br>can this piece of paper<br>be used to prove the<br>formula for the area of<br>a triangle?  | The student to teacher<br>ratio at the school built<br>by the Peace Corps<br>volunteers is 41:2. If<br>there are 13 teachers<br>in the school, how<br>many students are<br>there? |

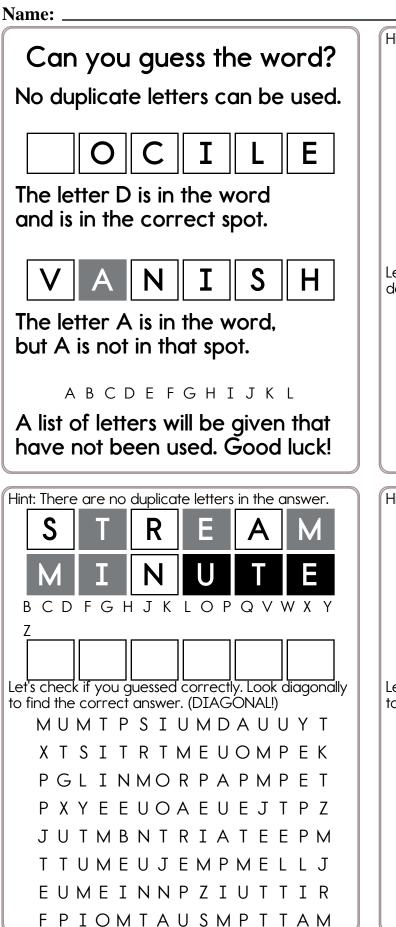
### Name: \_\_\_\_\_

| 1 | 4 | 2 | 5 |   |   |
|---|---|---|---|---|---|
| 6 | 5 | 3 |   | 1 |   |
|   | 2 | 6 |   |   |   |
| 5 |   |   |   | 2 |   |
| 3 |   | 5 |   |   |   |
|   |   |   |   |   | 6 |

Each row, column, and box must have the numbers



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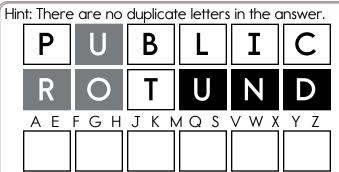


Hint: There are no duplicate letters in the answer.



Let's check if you guessed correctly. Look across or down to find the correct answer.

L R E U S U R E L Y E V J T E E E R U E V V R D L R R R S U R V E Y V T Y F R E R D H A R G J E P U E H U R A I R E Y E R R E Q Y H U R E E V Y V V E V E U D P V O E E M R L A R Y S O V Y V E E Q R U Z R D E P A R T U Y S R T R



Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

I AOI UDHL R R P P TOL TAT R ON ROMI UD R F RUDCI D R C P AMIOBRICKOK J BODU T MB C ROCU P UD BUT NAL BNQVN O ROR R NOAWGI UU RIONC P N RGAOU DOU DD DNAOCY R R ZVNDJC P HOE N BCD T Q POL A P K N R R A B L DO R I L M D R L L

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| Name:                                   |            |                   |                |         |     |  |  |
|---|------------|-------------------|----------------|---------|-----|--|--|
| Jessica                                 | Gavin      | Emily             | Hunter         | Max     | Amy |  |  |
|   |            | Facts             | S              |         |     |  |  |
|   | Max is     | forty-four year   | s older than E | mily.   |     |  |  |
| Hunter is five times as old as Jessica. |            |                   |                |         |     |  |  |
| Amy is one year older than Max.         |            |                   |                |         |     |  |  |
| Jessica is seven years old.             |            |                   |                |         |     |  |  |
|   | Gavin is   | s fifty-one years | older than Je  | essica. |     |  |  |
|   | Emily is   | nineteen years    | older than Je  | ssica.  |     |  |  |
| How old is Jessico                      | a?         |                   |                |         |     |  |  |
| How old is Gavin?                       |            |                   |                |         |     |  |  |
| How old is Emily?                       |            |                   |                |         |     |  |  |
| How old is Hunter?                      |            |                   |                |         |     |  |  |
| How old is Max? _                       |            |                   |                |         |     |  |  |
| How old is Amy?                         |            |                   |                |         |     |  |  |
| What time is 13 hc<br>3:00 a.m.?        | ours after | 0114111 22 524    |                |         |     |  |  |

84,641 - 32,526 = \_\_\_\_\_





