## Name: _____

# Challenge Math
## Book 24

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: 11, 19, or 12.

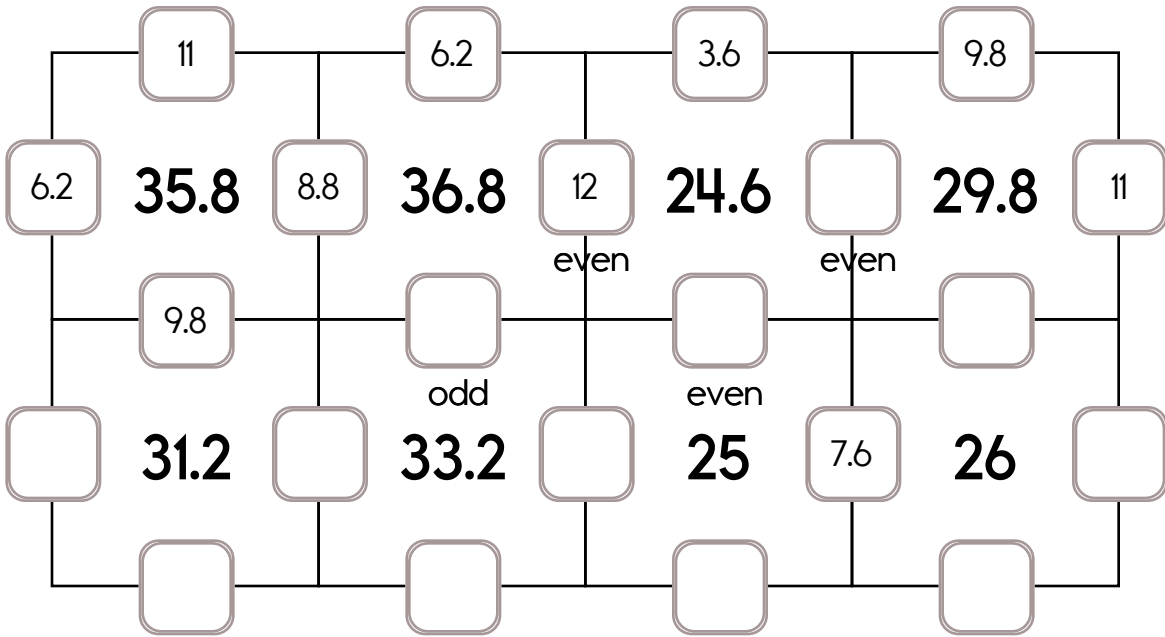The other three numbers have to all be DIFFERENT and must be from these: 6.2, 2.8, 3.6, 9.8, 8.8, or 7.6.

| | 11 | | 6.2 | | 3.6 | | 9.8 | |
|---|---|---|---|---|---|---|---|---|
| 6.2 | **35.8** | 8.8 | **36.8** | 12 | **24.6** | | **29.8** | 11 |
| | | | | | even | | even | |
| | 9.8 | | | | | | | |
| | | | odd | | even | | | |
| | **31.2** | | **33.2** | | **25** | 7.6 | **26** | |
| | | | | | | | | |

**Left column (outer):** 51, -41, +64, -14, -37, +25, +13

**Right column (outer):** +22, -11, +5, -6, +66, -15, 70, +3

**Name:** _____

Draw a line from START to END.

40                    ~~188~~                    278

407

Cross out the number you use above and then write it below.

161 - 15

491 - 19

443 - 38

316 - 42

START

391 + 16

231 - 43

**188**

346 + 19

148 - 40

9 + 2 x 12 + 7

371 + 30

238 - 34

6 + (4 x 3)

**END**

10 x 18 ÷ 2

477 - 50

400 + 45

12 x 1 - 5 + 11

326 - 41

472 + 22

313 - 35

113 - 48

381 - 30

252 - 47
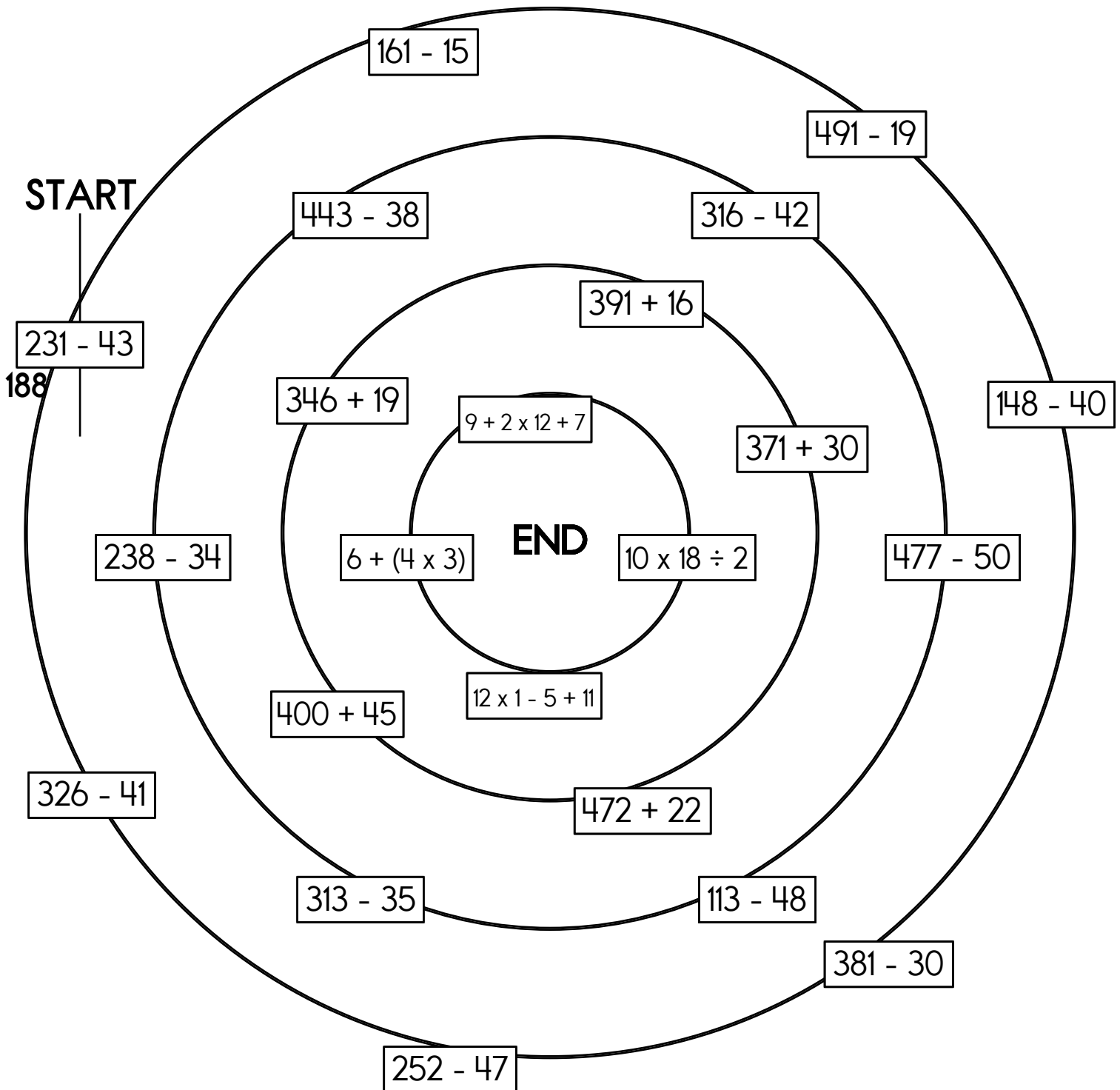
**Name:** _____

---

Which amount of time is shorter?

330 minutes or 6 hours?

7 hours or 410 minutes?

8 minutes or 141 seconds?

1 hour = _____ minutes

1 minute = _____ seconds

---

Who is the youngest?

Maria will be 23 years old in 2039.

Megan turned 10 years old in 2021.

Hunter turned 6 years old in 2020.

---

The grocery store sells 4 cases of Hannah's Water for $20. They also offer 2 cases of Cool Water for $10. If you like both brands equally, then which brand of water is the better deal?

---

April and two of her friends are playing a game where they can spend HBucks to buy extra lives and potions. Who spent the most HBucks? To purchase 3 extra lives costs 7 HBucks.
To purchase 6 potions costs 3 HBucks.

April bought 15 extra lives.

Emily bought 3 extra lives and 18 potions.

Sara bought 9 extra lives and 12 potions.

---

**Name:** _____

# Play a game online!
### edHelper.com/math-games.htm

Nice work!

I PLAYED
## ONE
GAME

☐ (Check the box after you play.)

**MY SCORE**

_____

---

Complete the list of multiples.

5, 10, 15, 20, 25, 30, 35,

___, ___

---

The number 16 has 5 factors. Write them.

---

___ - 3 = 5

What is the missing number?

x - 6 = 3

What is the value of x?

---

**Name:** _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block.  Numbers to use in a block:
   A block with 1 space has to be the number 1.
   A block with 2 spaces must have the numbers 1 and 2.
   A block with 3 spaces must have the numbers 1, 2, and 3.
   A block with 4 spaces must have the numbers 1, 2, 3, and 4.

An entire block with 4 spaces is blank.  Since the block is 4 spaces it uses the numbers 1-4.

**3   2   1   4**

An entire block with 4 spaces is blank.  Since the block is 4 spaces it uses the numbers 1-4.

**4   3   2   1**

Hint - These numbers are missing:

**2   1   2   4   3**

Hint - These numbers are missing:

**2   4   4   4   3   2**

**Name:** _____

Fill in the missing numbers.

|   | 3 | 2 | 4 |
|---|---|---|---|
| 2 | 4 |   |   |
| 1 |   |   | 4 |

Hint - These numbers are missing:

**2   3   1   1   3**

|   | 2 |   | 4 |
|---|---|---|---|
| 3 | 4 | 1 |   |
|   | 2 |   | 4 |

Hint - These numbers are missing:

**3   1   2   1   3**

|   | 4 | 1 |   | 1 |
|---|---|---|---|---|
| 2 | 3 | 2 |   |   |
|   | 4 | 1 | 4 | 1 |
|   | 2 |   |   |   |

Hint - These numbers are missing:

**4   2   2   3   3   1   3   1   3**

| 3 | 4 | 3 |   | 3 |
|---|---|---|---|---|
|   |   |   | 1 |   |
|   | 3 |   | 3 | 4 |
| 1 | 2 | 1 |   | 1 |

Hint - These numbers are missing:

**2   4   2   4   1   2   2   4**

---

49, 50, ___, ___, ___, 54

Which number should

replace the third blank?
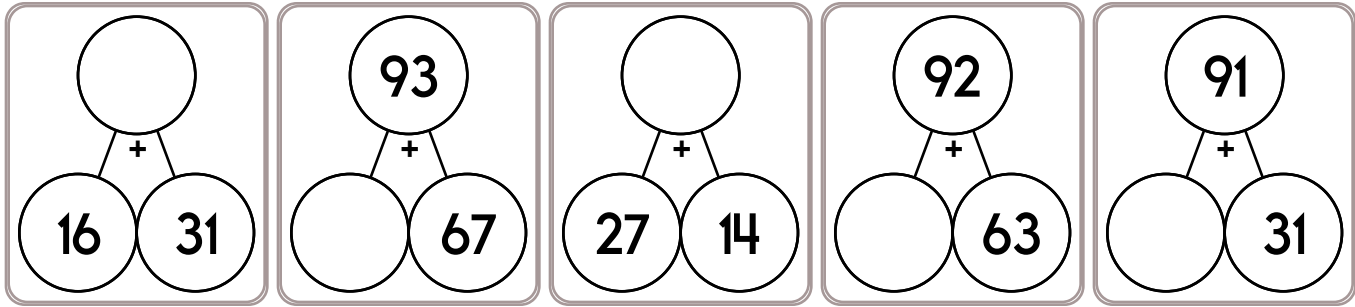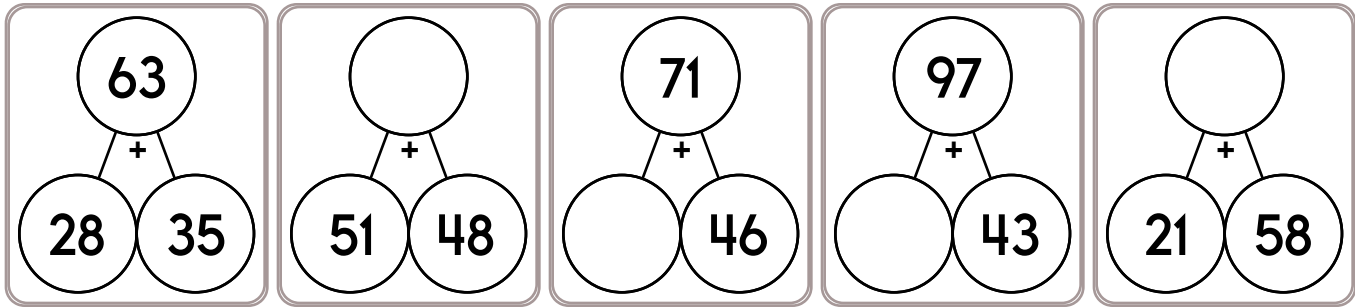
---

Circle all the ways to make 18.

6 + 12    3 + 15    18 + 1
5 + 13    1 + 17    3 + 17

---

Circle the fourth letter.

2, 4, A, R, X, 7, F, D, 4, 7,
1, Z, B, 7, D, 4, Z, 2

---

word root **post** can mean **after**          posterior, posterity

**Name:** _____

63
+
28  35

( )
+
51  48

71
+
( )  46

97
+
( )  43

( )
+
21  58

( )
+
16  31

93
+
( )  67

( )
+
27  14

92
+
( )  63

91
+
( )  31

( )
+
31    34
+         +
( )  17  ( )  27

( )
+
18    61
+         +
11  ( )  18  ( )

72
+
45    ( )
+         +
( )  17  ( )  15

( )
+
40    38
+         +
18  ( )  19  ( )

95
+
( )    64
+         +
( )  12  ( )  21

85
+
( )    60
+         +
12  ( )  16  ( )
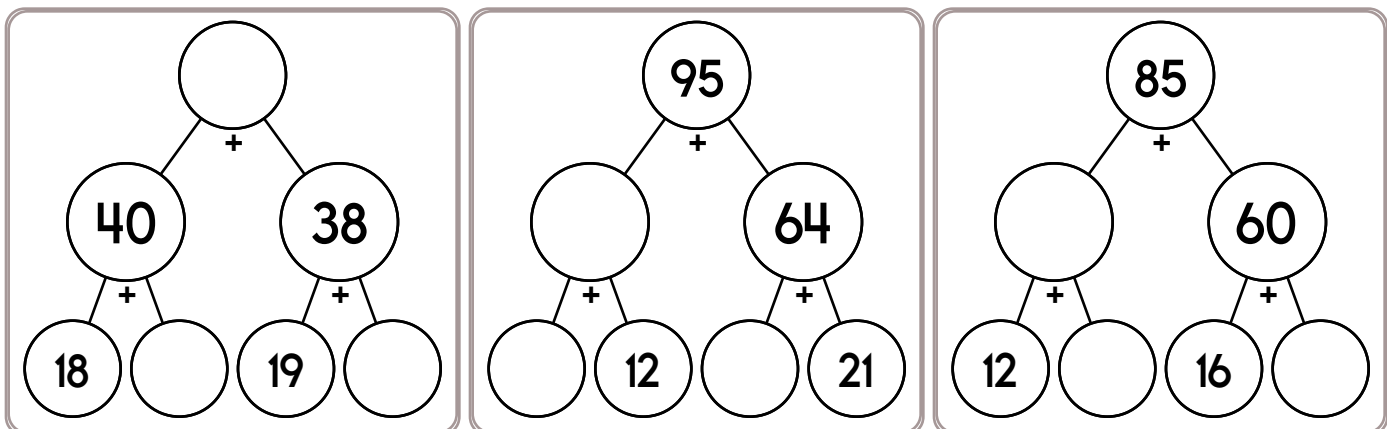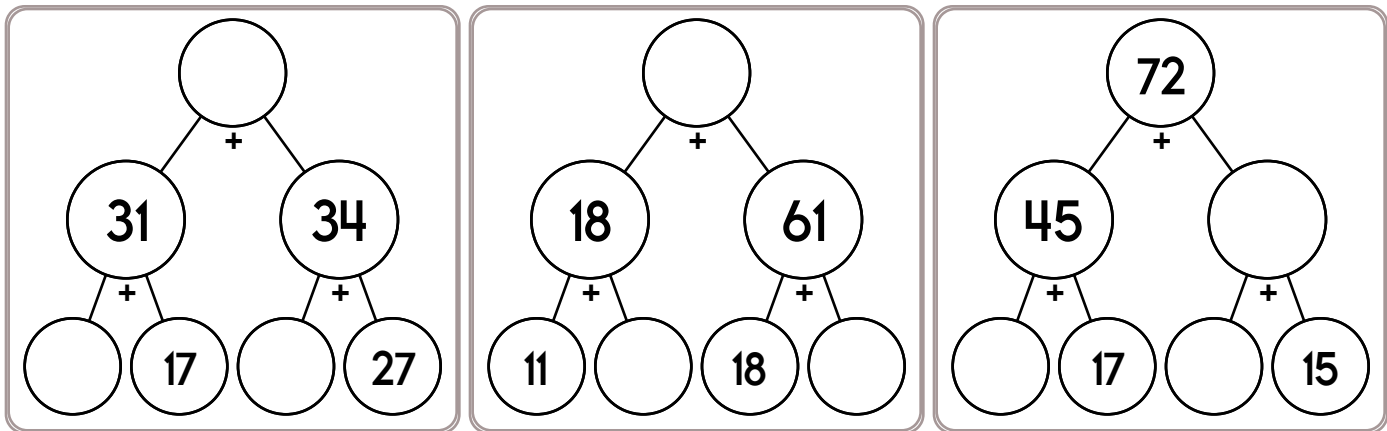
Is 755 closer to 700 or 800?

3 + 7 x 6

How many total legs are on 9 chickens?

**Name:** _____

Emily is less than 15 years old.  She is half as old as Hunter.  In 14 years, Emily will be $\frac{3}{4}$ years as old as Hunter.  How old is Hunter?

I am a 4-digit number less than 5,000.  My first and last digits are the same.  Write any number that fits this.

63 ÷ 7 =

Sara has 48 books.  She organized them equally into 4 boxes.  How many books in each box?

How many total legs are on 7 zebras?

**Name:** _____

The kids in Miss Darling's class were doing everything they could think of for fun on a snow day.

"I heard Jen is putting ice cubes down the toilet. Can you believe that? Oh, wait. I better do that also!" giggled Pam.

Principal Garcia hates snow days. He has to close the school if it snows 4 and 1/4 inches or more. Who made up that silly amount? Who knows?

Sunday evening a winter weather advisory was issued, and it snowed 2 and 3/4 inches. The snow did not melt, and before school opened, it snowed another 1 and 3/4 inches.

Should Principal Garcia cancel school?

Show your work.

**Name:** _____

20 - 2 = _____

23 - 3 = _____

$$\begin{array}{r}17\\+\ \ 9\\\hline\end{array}\qquad\begin{array}{r}14\\+\ \ 4\\\hline\end{array}\qquad\begin{array}{r}8\\+\ 7\\\hline\end{array}$$

2 + 13 = _____

_____ - 13 = 2

32 + 24 = _____

$$\begin{array}{r}4\\+\ \ 2\\\hline\boxed{\phantom{00}}\end{array}\qquad\qquad\begin{array}{r}\boxed{\phantom{00}}\\-\ \ 2\\\hline 4\end{array}$$

Count by eights.

32   _____   _____   _____   _____

_____   _____   _____   _____   _____

7 + 5 + 8 = _____

69 + 4 = _____

Can you win at bingo?  Color in a circle red if it is on the bingo board.  Then color in the square on the bingo board red.  Cross off a circle if you do not see it on the bingo board.
Keep going until you win!  Win by getting four across, down, or diagonal.

( 8 x 2 )

( 5 x 5 )  ( 5 x 7 )

( 1 x 3 )

( 5 x 4 )  ( 8 x 0 )

( 8 x 9 )

( 8 x 8 )

( 8 x 6 )

( 9 x 2 )

( 9 x 4 )  ( 8 x 5 )

( 3 x 5 )

( 4 x 2 )

( 7 x 3 )

( 3 x 9 )

( 1 x 9 )

### BINGO BOARD

| 12 | 3 | 45 | 15 |
|----|----|----|----|
| 0 | 9 | 21 | 10 |
| 48 | **27** | 63 | 25 |
| 18 | 16 | 8 | 6 |

10 + ☐ = 12     8 + ☐ = 37     9 + ☐ = 21     12 + ☐ = 28

**Name:** _____

$$\begin{array}{r} 9 \\ +\ \ 14 \\ \hline \boxed{\phantom{00}} \end{array}$$

$$\begin{array}{r} \boxed{\phantom{00}} \\ -\ \ \ \ 9 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 24 \\ -\ \ 19 \\ \hline \boxed{\phantom{00}} \end{array}$$

$$\begin{array}{r} 19 \\ +\ \boxed{\phantom{00}} \\ \hline 24 \end{array}$$

$$\begin{array}{r} 13 \\ -\ \ 9 \\ \hline \end{array} \qquad \begin{array}{r} 14 \\ -\ \ 5 \\ \hline \end{array} \qquad \begin{array}{r} 24 \\ -\ \ 6 \\ \hline \end{array}$$

$$8\,\overline{)32} \qquad 4\,\overline{)24} \qquad 9\,\overline{)72}$$

31 - 6 = _____

6 + _____ = 31

Continue the pattern.

12   15   18   21   _____  _____  _____

_____  _____  _____  _____  _____

~~81~~   49   72   37   24   38   33   ~~54~~   43   71   47   18

23  +  $\boxed{31}$  =  $\boxed{54}$

$\boxed{\phantom{00}}$  +  $\boxed{\phantom{00}}$  =  42

$\boxed{\phantom{00}}$  +  14  =  $\boxed{\phantom{00}}$

$\boxed{\phantom{00}}$  +  35  =  $\boxed{\phantom{00}}$

$\boxed{\phantom{00}}$  +  22  =  $\boxed{\phantom{00}}$

$\boxed{\phantom{00}}$  +  $\boxed{\phantom{00}}$  =  81

Jenna has a bookshelf. The bookshelf has 6 shelves. Each shelf holds 15 books. How many books does Jenna have on the shelves?

There were 18 white rats in the cage at the pet store. Eric bought 3 of the white rats. How many rats were left in the cage?

**Name:** _____

Color $\frac{1}{2}$ of the figure.

Skill: Fractions

What is the missing digit?

$$
\begin{array}{r}
\boxed{\phantom{0}}\,4\ 3\ 6 \\
+\ 2\ 2\ 1\ 0 \\
\hline
9\ 6\ 4\ 6
\end{array}
$$

Skill: Addition

300 less than 815

( 1,115 )   ( 515 )   ( 1,130 )

( 523 )

Skill: Place Value and Large Numbers

$$
\begin{array}{r}
5\ 6\ 8\ 3 \\
+\ 2\ 3\ 1\ 5\ 6 \\
\hline
\end{array}
$$

Skill: Whole Numbers and Place Value

$$
\begin{array}{r}
1\ 0\ 3 \\
-\ \ \ 8\ 6 \\
\hline
\end{array}
$$

Skill: Subtraction

What time is it?
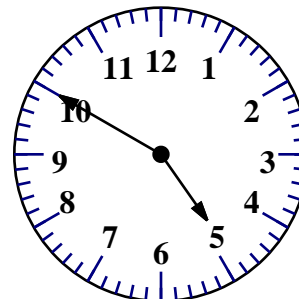
Skill: Clocks and Time

Which number has 8 as a factor?

( 30 )   ( 33 )   ( 32 )   ( 22 )

Skill: Estimation and Number Theory

12 hundreds - 4 hundreds = _____hundreds

( 110 )   ( 3 )   ( 8 )   ( 11 )

Skill: Subtraction

**Name:** _____

3 • 1 • 3 • = • 2 • x • 4 • = • 8 • = • 0 • 4 • 7

Use the pieces above to help you fill in the runaway math puzzle.

|   | 1 |   |   |   |   |   |
|---|---|---|---|---|---|---|
|   | x |   | 8 |   |   |   |
|   |   | x | 7 | = | 7 |
|   | = |   | 8 |   |   |
|   |   | x | 0 |   | 0 |
|   |   | 7 | 6 |   |   |
|   | 3 | ▨ | 6 |   |   |
| 5 | x | 0 |   |   |   |
|   | 9 |   |   |   |   |
|   | = |   | 2 |   |   |
|   | 2 |   |   |   |   |
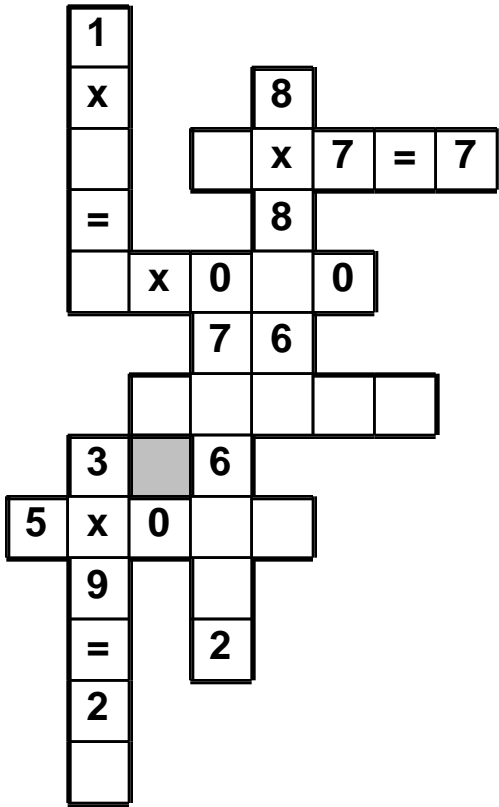
Is 23 prime or composite?

_____

```
  9 8
- 4 6
```

```
  5 1
- 4 3
```

```
  3 1
- 2 9
```

Make a pattern.

Start with 82.

Subtract 11.

_____ , _____ , _____ , _____ , _____ , _____

What is the range of these numbers?

27, 21, 22, 16, 28, 28

_____

**Name:** _____

Mrs. McCormack was gathering all the supplies for her class's Valentine's Day party. The 23 kids in her class were so excited to celebrate by handing out cards and making crafts. The students had signed up to bring most of the goodies for the party, but Mrs. McCormack needed to purchase plates, napkins, and drinks. She counted the juice boxes, water bottles, and milk cartons. She decided to buy 3 six-packs of each beverage. If each of her students only choose one drink, how many drinks will be left over when the party is finished?

Show your work.

**Name:** _____

# CHALLENGE YOUR CLASSMATES!
### (OR SIBLING OR PARENT)

**Play against someone!**

Go to:
edhelper.com/math-games.htm

Pick your grade. Then play to challenge someone else.

Date played:

Whom I challenged:

Who won?

YOU WIN!

Explain what you learned from one math problem you got wrong.

| | | |
|---|---|---|
| Which number has exactly 4 thousands? | Find the product of 6 and 3. | 45, _____, 65, 75, 85, 95, 105, 115, 125, 135 |

**Name:** _____

| | | |
|---|---|---|
| In the equation 25 x 377 = 9,425, which number is the product? | There are 4 groups of 6 rocks.  How many rocks? | triple 20 = |
| If you exchange 110 dimes for dollars, then how many dollars would you get? | In the parking lot there are 14 vehicles.  There are 2 SUVs.  What fraction of the vehicles are not SUVs? | This number is one hundred less than 6,911. |
| B,  G,  L,  _____,  V | 11,  13,  15,  _____,  19,  21,  23,  25 | Ava has 90 cookies.  She and her 9 friends shared them equally.  How many cookies did Ava keep? |
| Name the shape with four sides and four angles. | What is 14 less than 1,699? | double 21 = |
| 479 + 8 = | 11 + ___ + 25 = 53 | What number is halfway between 0 and 10? |

**Name:** _____

---

Name the shape with eight sides and eight angles.

---

The number 54 is more than the number 7 by how much?

---

How much greater is 170 than 48?

---

Circle the three numbers whose sum equals 31.

11      16      12      15

6       19      4       4

20      16      15      11

---

Circle the four numbers whose sum equals 40.

14      4       9       3

15      11      16      18

---

Write the least possible 4-digit number using only 3 different numbers.

---

___ ÷ 6 = 7

---

How many total legs are on 5 elephants and 3 chickens?

---

7 + 2 x 1

---

Is 41 a composite or a prime number?

---

At 3 p.m. today, Amanda will not be able to use her electronics for 4 hours. At what time will she be able to resume using her phone?

---

Double the number 12 three times.

---

**Name:** _____

## Puzzle:

| | | | | |
|---|---|---|---|---|
| 🎩 | 🎩 | **3** | 🦉 | **44** |
| 🦉 | 〰 | **3** | 〰 | **28** |
| 〰 | **3** | 🦉 | **3** | **26** |
| 〰 | **3** | 🎩 | 🏈 | **35** |
| **38** | **24** | **34** | **37** | **+** |

## Work Area:

| | | | | |
|---|---|---|---|---|
| | | **3** | | **44** |
| | | **3** | | **28** |
| | **3** | | **3** | **26** |
| | **3** | | | **35** |
| **38** | **24** | **34** | **37** | **+** |

The sum for each column and row is given.

🎩 = _____    🦉 = _____    〰 = _____

🏈 = _____

---

## Puzzle:

| | | | | |
|---|---|---|---|---|
| 🥁 | 🦅 | 🦅 | 🥁 | **48** |
| 🥁 | 🦅 | 🐱 | 🥁 | **44** |
| 🐱 | 🦅 | 🥁 | 🦅 | **42** |
| 🐱 | 🍲 | 🦅 | 🍲 | **34** |
| **40** | **41** | **42** | **45** | **+** |

## Work Area:

| | | | | |
|---|---|---|---|---|
| | | | | **48** |
| | | | | **44** |
| | | | | **42** |
| | | | | **34** |
| **40** | **41** | **42** | **45** | **+** |

The sum for each column and row is given.

🍲 = _____    🦅 = _____    🥁 = _____

🐱 = _____

**Name:** _____

| | | |
|---|---|---|
| Kevin earns $20 an hour. He worked 2 hours. How much did he make? | What is the sum of 10 and 200? | This number is one ten more than 7,967. |
| 35 ÷ ___ = 7 | 11 + 12 - 1 | 3 x 3 x 3 |
| 20, 25, 30, 35, 40, 45, 50, 55, _____, 65 | Draw a small clock that shows 25 minutes to 7:00. | How many tens are in the number 9,700? |
| Which number has exactly 4 thousands? | Jenna has 28 nickels. How much money is that? | You need to add what to 59 to get 65? |

**Name:** _____

☑ 5 x 6 = **30**

☐ 2 x 7 = **14**

☐ 10 x 12 =

☐ 2 x 2 = **4**

☐ 2 x 6 =

☐ 10 x 3 =

☐ 4 x 12 =

☐ 3 x 7 =

☐ 4 x 11 =

☐ 10 x 9 =

☐ 5 x 7 =

```
17  10  10  4  10  1  6  7  1  3  10  2  12  11  20  44
48  13  3  35  2  11  20  4  48  13  4  13  4  8  13  2
17  2  2  6  4  1  12  15  10  1  30  11  11  7  3  5
10  3  6  0  10  12  1  13  9  7  44  14  27  10  12  17
16  31  12  2  12  7  14  7  31  14  16  12  11  30  16  3
5  21  1   2 x 2 = 4   6  5  4  7  7  12  8  27  21  14
1  7  10  6  14  5  5  17  4  3  2  35  7  5  1  10
120  (5 x 6 = 30)  3  24  10  10  29  21  90  17  12  10  35  6
16  8  7  7  1  1  3  31  1  7  6  22  11  7  12  23
21  2  21  44  29  6  30  20  120  2  6  2  5  4  20  120
48  4  30  2  21  5  31  7  2  16  1  6  90  10  4  30
12  13  25  2  90  5  9  4  3  15  6  9  9  9  1  2
4  12  6  28  6  4  1  21  15   2 x 7 = 14   10  6  4  30
30  4  11  8  2  16  16  44  2  21  28  5  27  11  12  35
```

**LOOK**

Write operation.

Write = sign.

Circle.

---

☑ 8 x 11 = **88**

☐ 8 x 5 = **40**

☐ 10 x 8 =

☐ 6 x 4 =

☐ 7 x 11 =

☐ 8 x 6 =

☐ 7 x 3 =

☐ 3 x 12 =

☐ 4 x 4 =

☐ 12 x 7 =

☐ 3 x 10 = **30**

```
16  88  12  17  11  2  9  16  85  26   3 x 10 = 30   7  40  10
16  16  40  8  36  12  30  12  36  16  16  20  11  77  76  4
8  20  5  85  48  87  6  7  23  4  7  2  20  29  12  6
24  84  9  80  8  22  4  84  4  6  2  11  7  3  8  8
12  17  7  26  10  12  80  8  10  8  16  4  77  6  12  11
4  16  3  9  7  5  77  6  7  4  8  23  48  11  15  5
6  87  7  85  8  15  4  88  3  3  17  16  4  11  14  23
7  11  13  2  14  23  17  8  20  4  21  4  87  11  4  5
3  (8 x 11 = 88)  8  3  80  9  5  3  0  8  6  3  10  4
3  4  15  3  7  21  7  84  36  10  7  9  48  30  21  11
76  11  7  7  11  5  3  12  20  12  12  16  7  7  5  6
1  11   8 x 5 = 40   3  5  8  24  16  3  8  15  24  4  6
76  16  9  10  10  6  8  8  12  5  3  10  7  9  7  13
```

**Name:** _____

Mrs. Ragnar's class is having a Valentine's Day Party. Each child must bring a valentine for every other child in the class. There are 28 children in the class.

Mason wanted to make sure that he would have enough valentines for everyone in the class even if he accidentally dropped two in someone's box by mistake, so he brought 32 cards to class. His valentines cost $0.68 each. How much more did Mason spend on valentines than Mia, who brought the same cards as Mason, but only brought enough valentines for everyone else in the class?

A version of Black History Month was first celebrated in the United States in 1926. Canada first began to recognize February as Black History Month in 1979. The United Kingdom first celebrated Black History Month in 1987.

How many years ago was Black History Month first celebrated in the United States?

Ava and Liam are both enjoying Mardi Gras celebrations with their families in New Orleans. Ava is going to a total of three parades whose routes are, respectively, 3.2 miles, 4.8 miles, and 2.6 miles. Liam is going to four parades whose routes are, respectively, 3.2 miles, 2.1 miles, 1.4 miles, and 3.1 miles.

How many more miles of parade is Ava going to see than Liam?

**Name:** _____

| X | 6 | | | 8 | |
|---|---|---|---|---|---|
| **7** | 7 x 6 | 7 x __ | 7 x __ | 7 x 8 | **63** <br> 7 x __ |
| | **6** <br> __ x 6 | __ x __ | __ x __ | **8** <br> __ x 8 | __ x __ |
| **4** | 4 x 6 | **32** <br> 4 x __ | **32** <br> 4 x __ | 4 x 8 | 4 x __ |
| | __ x 6 | __ x __ | __ x __ | **72** <br> __ x 8 | __ x __ |
| **1** | **6** <br> 1 x 6 | **8** <br> 1 x __ | **8** <br> 1 x __ | **8** <br> 1 x 8 | **9** <br> 1 x __ |

---

What is the value
of the BIG digit?

762,641,08**7**

_____

Round to the nearest ten.

4,159 is rounded to _____

6,697 is rounded to _____

6,698 is rounded to _____

```
  2 4
  2 3
+ 4 2
```

How many 3s are in 36?

_____

The factors of 10 are   1 ____   5 ____

10 x 4   = _____        2 x 12  = _____

**Name:** _____

**FUN BREAK!**

# Play a game online!

**edHelper.com/math-games.htm**

*Nice work!*

**I PLAYED ONE GAME**

☐ ↩ (Check the box after you play.)

**MY SCORE**

_____

---

You have a playdate in 180 minutes.   How many hours is that?

What number is halfway between 44 and 48?

Name the shape with six sides and six angles.

---

Round 45 to the nearest ten.

Draw a small clock that shows 20 minutes past 10:00.

How many hundreds are in the number 16,000?

**Name:** _____

Jenna is going to stay with her grandmother this summer. She will be there for 3 weeks. She packed all her clothes in a red suitcase. The suitcase has 4 sides. Two of the sides are 23 inches long. One side is 28 inches long. One side is 20 inches long. What is the perimeter of the suitcase?

The Sugar and Spice Bakery sold 573 donuts this week. They sold 198 chocolate-covered donuts, 180 cream-filled donuts, and 117 cinnamon donuts. The rest of the donuts they sold were the ones with candy sprinkles. How many donuts with candy sprinkles were sold that week?

Pumpkins are on sale for $1.26 per pound.  Connor bought a 2-pound pumpkin.  Adam bought a 5-pound pumpkin.  How much more did Adam pay?

"Want to visit my farm?" asked Adam.  "It's just me, my mom, my dad, my 2 sisters, my 12 spiders, my 6 chickens, and, last but not least, my 6 cats."

"Yuck, did you say 12 spiders?  Seriously?" asked Jenna.

"Yes, I did!  Just answer the following math question.  I didn't say these math questions make sense," said Adam with a big smile.

How many legs are there where Adam lives?  If it helps, humans have 2 legs (duh!), spiders have 8, and you can figure out the rest!

**Name:** _____

2 • 9 • 0 • 3 • 6 • 2 • 5 • 0 • 7 • 8 • 8 • 7 • 7 • 2 • 6 • 1 • 0
1 • 3 • 2 • 6

Use the pieces above to help you fill in the runaway math puzzle.
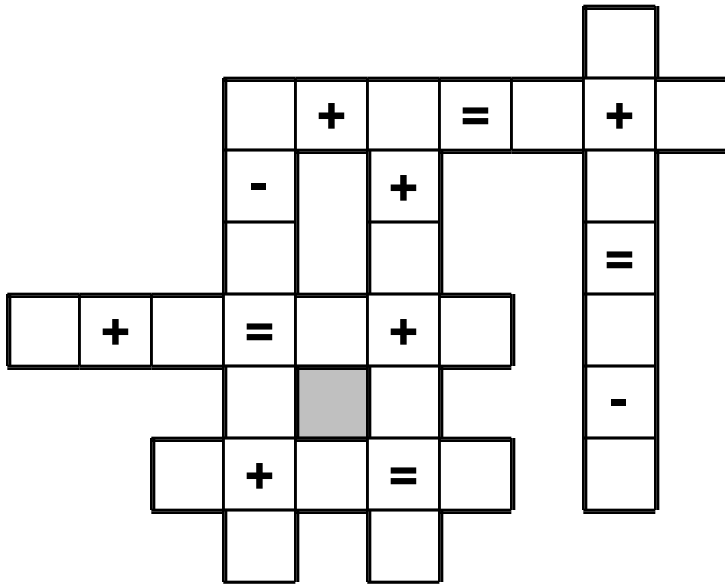
|  | + |  | = |  | + |  |
|---|---|---|---|---|---|---|
| - |  | + |  |  |  | = |
| + |  | = |  | + |  | - |
|  |  |  |  |  |  |  |
|  | + |  | = |  |  |  |

| What number is halfway between 0 and 6? | Name the shape with six sides and six angles. | 11 - 5 - 4 |
|---|---|---|

| At 1 p.m. today, Pam will not be able to use her electronics for 3 hours.  At what time will she be able to resume using her phone? | 27 + ___ + 29 = 70 | If you exchange 50 dimes for dollars, then how many dollars would you get? |
|---|---|---|

**Name:** _____
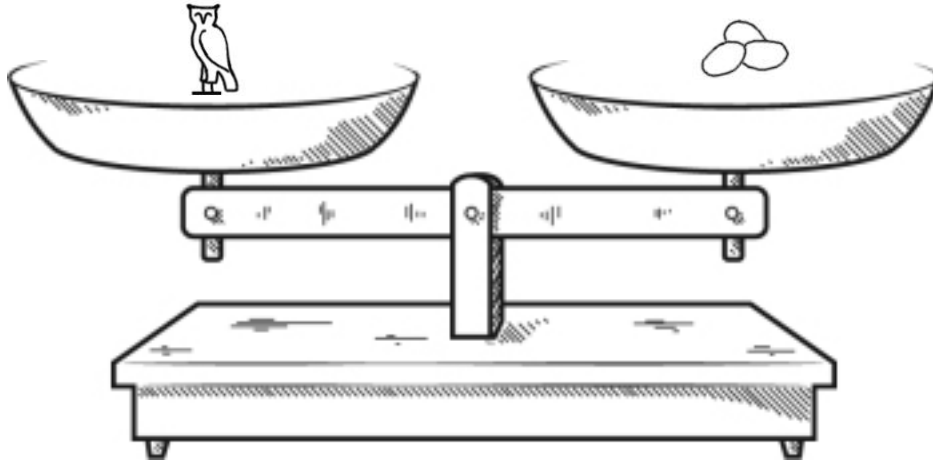
Look at the balance.  What does it tell you?  Write a sentence to explain.

_____

| | |
|---|---|
| True ☐ | False ☐ |

| | |
|---|---|
| True ☐ | False ☐ |

| | |
|---|---|
| True ☐ | False ☐ |

| | |
|---|---|
| True ☐ | False ☐ |

Did you find that two are true?  If not, look again!

You should only mark TRUE if you are absolutely sure it is correct!

| Write the decimal in words.<br>0.018 | Write as a decimal.<br><br>$19\frac{729}{1000}$ | Write as a decimal.<br>Seventeen and thirty-nine hundredths |
|---|---|---|

Fourth Grade

**Name:** _____

```
  7 | 8  4
    - 7   ↓
      1  4
    - 1  4
         0
```

```
  3 | 7  2
    -      ↓
```

```
  2 | 7  6
           ↓
```

```
  4 | 3  1  6
          ↓  ↓
```

```
  9 | 7  8  3
          ↓  ↓
```

```
  8 | 9  0  4
          ↓  ↓
```

**Name:** _____

Jacob went to a movie.  The movie was about rockets.  The ticket cost $9.50.  Jacob had some popcorn that cost $3.06 and a drink that cost $1.16.  How much did Jacob spend in all?

Ms.  Miller's class is making beaded safety pin necklaces.  She brought 548 safety pins. There are 26 students in the class.  About how many safety pins will each student get?

Gavin wants to do 92 sit-ups.  So far he has counted four dozen.  How many more sit-ups does he need to do to meet his goal?

**Name:** _____

Each box needs a number from 1 to 9.  You may re-use numbers.

*(Two Kakuro-style number puzzle grids)*

**Grid 1 clues and entries:**
- sum of 4 →
- sum of 10 →
- sum of 4 ↓, sum of 10 ↓, sum of 10 ↓, sum of 7 ↓
- sum of 7 ↓
- sum of 8 ↓, sum of 9 →, 6
- sum of 9 →, 1, 4, 4, sum of 10 ↓
- sum of 4 ↓, 4, sum of 9 ↓, 1, sum of 3 ↓, sum of 5 ↓
- sum of 5 →, 1
- sum of 7 →

**Grid 2 clues and entries:**
- sum of 5 ↓, sum of 9 ↓, sum of 5 ↓
- sum of 5 →, sum of 7 ↓
- sum of 7 ↓, sum of 10 →, sum of 10 ↓, sum of 6 ↓
- 2, sum of 4 →, sum of 8 →, 2
- sum of 9 ↓, sum of 13 ↓, sum of 9 ↓, sum of 10 ↓
- 3, sum of 3 ↓, 2, 3
- 3
- 3, 4, sum of 9 →

---

If there are three orange marbles and two green marbles in a box, what is the probability that you will pick out a green one with your eyes shut?

_____

---

If ☐ = 4, then 13 - ☐ = _____

Calculate the product of 7 and 11.

_____

---

$$\begin{array}{r} 1\ 0 \\ \times\ 1\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1\ 2 \\ \times\ \ \ \ 7 \\ \hline \end{array}$$

---

Which is smaller, $\frac{2}{6}$ or $\frac{1}{4}$ ?

_____

---

What are 34 hundreds equal to?

_____

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○ priy

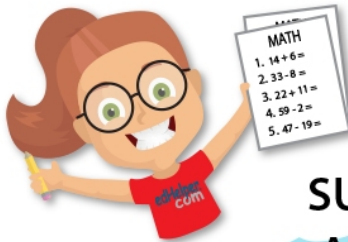○ pray

○ pra

○ prayy

---

How many hours are in three days?

_____

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$$\begin{array}{r} 1\ 7 \\ +\ 4\ 7 \\ \hline \end{array}$$

---

Round 239,851 to the nearest ten-thousand.

_____

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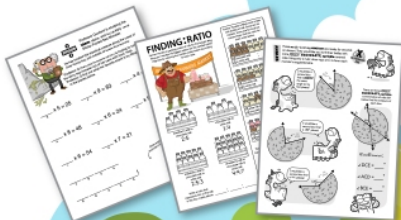word root **tempor** can mean **time**        **contemporary, temporary**