

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

Draw a line from START to END.

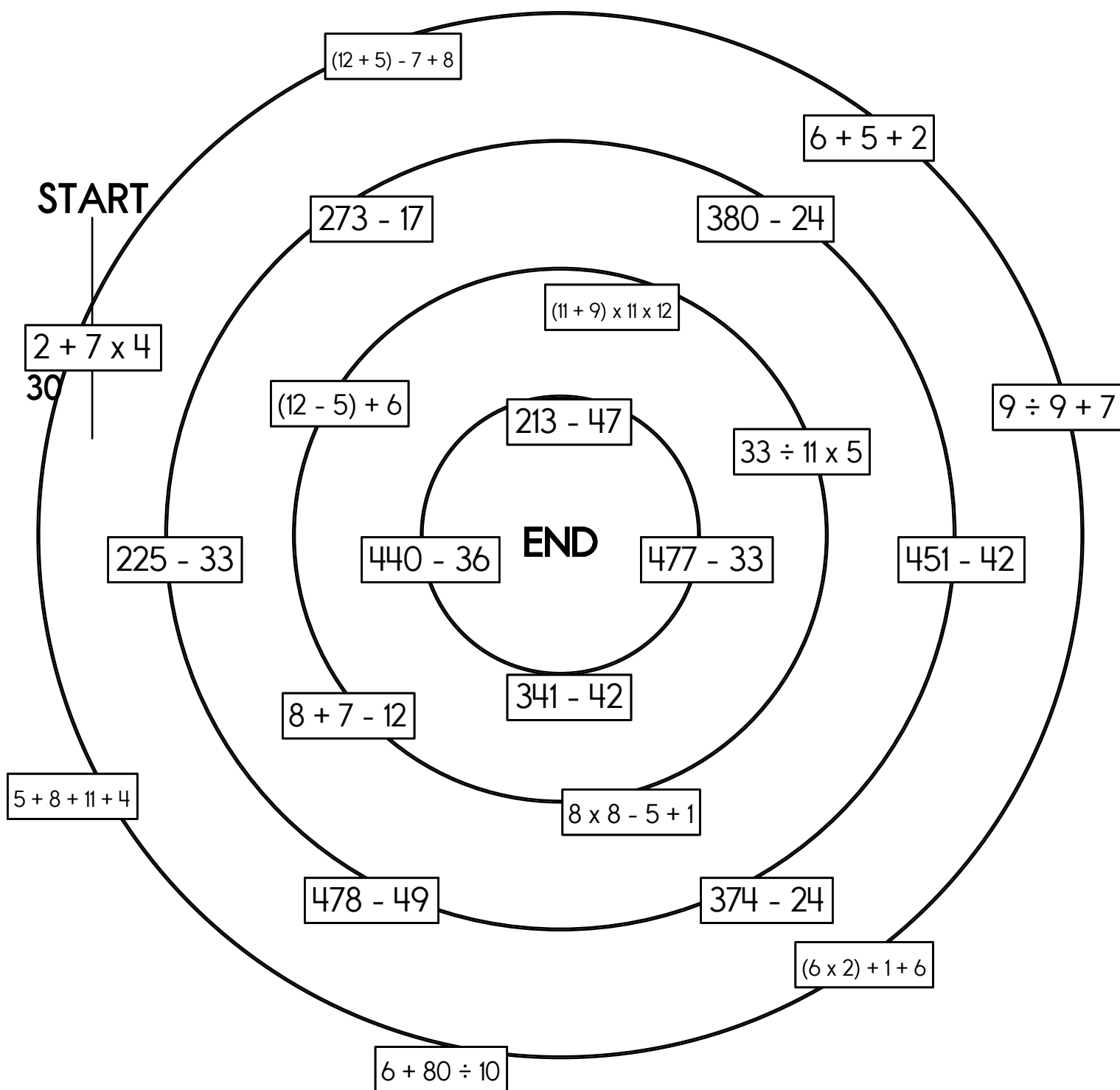
444

~~30~~

409

13

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



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

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

# Mental Math



= Do it  
in your  
head!

imagine 7 in your head

subtract 2

multiply 11

Add the tens digit to the ones digit.  
Write the sum.

\_\_\_\_\_  
A      B

imagine 6 in your head

add 4

multiply 7

add 2

subtract 9

Write the tens digit.

\_\_\_\_\_  
C

imagine 2 in your head

multiply 6

multiply 3

add 3

double it

Write the tens digit.

\_\_\_\_\_  
D

imagine 6 in your head

subtract 5

add 8

double it

subtract 6

add 9

Write the tens digit.

\_\_\_\_\_  
E

What is the sum?

A + B + C + D + E

\_\_\_\_\_

Wow! Great job! That's the answer, but do you know how to SPELL the number?

\_\_\_\_\_ t \_\_\_\_\_ e \_\_\_\_\_

7 after 16 \_\_\_\_\_

1 before 14 \_\_\_\_\_

4 before 12 \_\_\_\_\_

4 after 12 \_\_\_\_\_

2 before 16 \_\_\_\_\_

6 before 15 \_\_\_\_\_

2 after 19 \_\_\_\_\_

8 before 19 \_\_\_\_\_

7 before 13 \_\_\_\_\_

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

Maria is showing her class how to do the Chicken Dance today. She even bought a beak to wear while she does the dance! The beak cost \$1.39. She gave the clerk \$5. How much change did she get?

Mr. Taylor bought 8 pounds of zucchini to make zucchini bread for the Friendship Day Bake Sale. The zucchini cost \$0.96 per pound. How much did Mr. Taylor spend on the zucchini?

The digits in a 4-digit number add up to 26. The tens digit is 2. Can you name the number?  
Is there only one possible answer?

Jessica likes to draw triangles, but isosceles triangles are her favorite.

"They are so cool," she explains. "They have two equal sides and two equal angles. After I draw the triangle, I write the angle that is the same. Can you guess the third angle?"

She drew a red triangle and wrote  $27^\circ$ . She drew a blue triangle and wrote  $46^\circ$ . She drew a yellow triangle and wrote  $55^\circ$ . What is the third angle for each of her triangles?

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

**Pay the bill!**

Gavin received a bill for his cellphone from Mobile Unlimited for \$47.22. Write the check as Gavin would write it.

GAVIN	1411
	DATE _____
PAY TO THE ORDER OF _____	\$ <input style="width: 100px;" type="text"/>
_____	DOLLARS
MEMO _____	
⑆997623047⑆	⑈60210⑈ 1411

**Pay the bill!**

Gavin needs money. He wants to get \$140 in cash, so he writes a check payable to cash in this amount. Write this check.

GAVIN	1412
	DATE _____
PAY TO THE ORDER OF _____	\$ <input style="width: 100px;" type="text"/>
_____	DOLLARS
MEMO _____	
⑆997623047⑆	⑈60210⑈ 1412

What is the greatest common factor of 6 and 2?

What is the least common multiple of 2 and 12?

What is the least common multiple of 8 and 12?

$379 + 7 =$

There are 2 groups of 3 rocks. How many rocks?

$12 \times 6 =$

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

**Pay the bill!**

Emily received a bill from Central Water for \$278.13. Write the check as Emily would write it.

EMILY	1379
	DATE _____
PAY TO THE ORDER OF _____	\$ <input style="width: 100px;" type="text"/>
_____	DOLLARS
MEMO _____	
⑆994534668⑆	⑈52436⑈ 1379

**Pay the bill!**

Rent is due. Emily needs to pay her landlord \$2,900. Her landlord's name is Mary Rodriguez.

EMILY	1380
	DATE _____
PAY TO THE ORDER OF _____	\$ <input style="width: 100px;" type="text"/>
_____	DOLLARS
MEMO _____	
⑆994534668⑆	⑈52436⑈ 1380

$1 \times 5 + 4$

Anna has 27 nickels. How much money is that?

5, 7, 9, \_\_\_\_\_, 13, 15, 17

The number 65 is more than the number 7 by how much?

Write the greatest possible 3-digit number using only 2 different numbers.

Is 20 a composite or a prime number?

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

<p>Jason made potato salad for the picnic. He made 20 cups of salad. At the end of the picnic, there were <math>2\frac{3}{5}</math> cups of salad left. How many cups of salad were eaten at the picnic?</p>	<p>Hunter made a display for the school library. It was about recycling. He used three sheets of poster board for the display. He bought the poster board at Fred's Art Supplies. It cost \$3.50 for the three sheets. He gave the clerk \$5. How much change did he get?</p>	<p>Peter lives on a dairy farm. He takes care of 14 of the cows by himself. When he feeds them, he puts enough grain in the bucket for 2 cows. He empties it, and then goes back for enough for 2 more cows. How many times does he have to fill the bucket to feed all the cows?</p>
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<p>Which is larger, <math>\frac{2}{3}</math> or <math>\frac{2}{4}</math> ?</p> <p>_____</p>	<p><input type="radio"/> kast</p> <p><input type="radio"/> cost</p> <p><input type="radio"/> kust</p> <p><input type="radio"/> kot</p>	<p>If you add 8 to me, the sum is 59. What number am I?</p> <p>_____</p>
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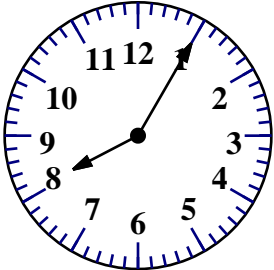
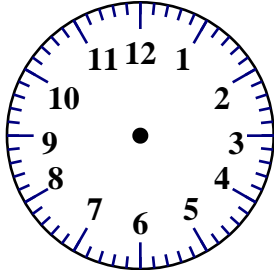
<p>Hannah and Anna ran a race. Hannah came in seventieth place. Anna was one runners after Hannah. Write the ordinal number for the place that Anna came in.</p> <p>_____</p>	$\begin{array}{r} 98 \\ - 42 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ - 17 \\ \hline \end{array}$	$\begin{array}{r} 34 \\ - 12 \\ \hline \end{array}$

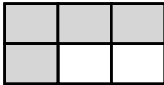
<p>Fill in the missing fractions.</p> <p>_____, <math>\frac{5}{10}</math>, _____, <math>\frac{7}{10}</math></p>	<p><math>82 - 81 =</math> _____</p>
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Circle the word that is a synonym for the word furious.  
peaceful, mild, angry, gentle

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

$48 - 3 = \underline{\hspace{2cm}}$	$60 + 4 = \underline{\hspace{2cm}}$	$\begin{array}{r} 1 \\ x 5 \\ \hline \end{array}$
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List the first four multiples of 11.  _____	<div style="display: flex; justify-content: space-around; align-items: center;">   </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <span><b>current time</b></span> <span><b>a half-hour later</b></span> </div>
---	--

Which is larger, 0.9 or 0.4?  _____	Write a fraction to represent what is shaded. <div style="text-align: center; margin: 10px 0;">  </div> _____
---	--

$\begin{array}{r} 19 \\ + 45 \\ \hline \end{array}$	Which number is six hundred fifty-one? 651      165      6,051 561	Calculate the sum of 24, 32, and 36.  _____
---	--	---

Round the number to the place value of the BIG number.  <b>2,759,777</b>  _____	Holly made some cookies. She made a wild guess about the time to bake them. She left them in the oven for 45 minutes. They all burned. The recipe said they should bake for 17 minutes. How many minutes too long were they in the oven?
<div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <math>6 \overline{)12}</math> </div> <div style="text-align: center;"> <math>8 \overline{)56}</math> </div> </div>	

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

If  $\square = 9$ , then  $4 + \square =$  \_\_\_\_\_

Write + or - in the circles.

$$5 \bigcirc 14 \bigcirc 1 = 6 \bigcirc 4 \bigcirc 16$$

$$7 \bigcirc 12 \bigcirc 4 = 9 \bigcirc 2 \bigcirc 8$$

The month before me has thirty-one days. The month after me has thirty-one days. What month am I?

March  
September  
August  
October

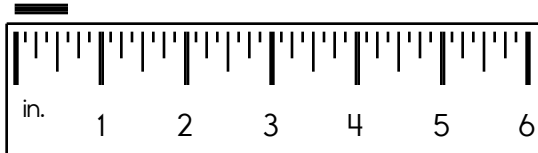
If  $a = 14$ , then what does  $a - 5$  equal?

\_\_\_\_\_

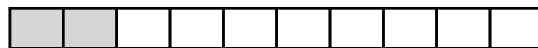
$$\begin{array}{r} 62 \\ - 27 \\ \hline \end{array}$$

Write the length in inches.

\_\_\_\_\_



Write the unshaded part as a decimal.



\_\_\_\_\_

Circle the best estimate for the answer to:  
 $118 - 47$

180      140      110      70

How many inches are in three feet?

\_\_\_\_\_

$$5 \overline{)40}$$

$$9 \overline{)81}$$

$$7 \overline{)35}$$

$$6 \overline{)18}$$

$$3 \overline{)12}$$

$$2 \overline{)12}$$

What polygon has five sides?

\_\_\_\_\_

$$8 \overline{)32}$$



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

$$\begin{array}{r} 823 \\ - 706 \\ \hline \end{array}$$

$$\begin{array}{r} 1,651 \\ - 963 \\ \hline \end{array}$$

$$\begin{array}{r} 921 \\ + 287 \\ \hline \end{array}$$

$$\begin{array}{r} 503 \\ + 306 \\ \hline \end{array}$$

$$\begin{array}{r} 583 \\ + 453 \\ \hline \end{array}$$

$$\begin{array}{r} 532 \\ - 200 \\ \hline \end{array}$$

$$\begin{array}{r} 817 \\ - 239 \\ \hline \end{array}$$

$$\begin{array}{r} 596 \\ + 988 \\ \hline \end{array}$$

$$\begin{array}{r} 254 \\ + 891 \\ \hline \end{array}$$

$$\begin{array}{r} 1,556 \\ - 790 \\ \hline \end{array}$$

$$\begin{array}{r} 289 \\ + 137 \\ \hline \end{array}$$

$$\begin{array}{r} 1,041 \\ - 582 \\ \hline \end{array}$$

$$\begin{array}{r} 367 \\ + 384 \\ \hline \end{array}$$

$$\begin{array}{r} 1,692 \\ - 808 \\ \hline \end{array}$$

$$\begin{array}{r} 1,580 \\ - 847 \\ \hline \end{array}$$

$$\begin{array}{r} 1,541 \\ - 660 \\ \hline \end{array}$$

$$\begin{array}{r} 644 \\ + 301 \\ \hline \end{array}$$

$$\begin{array}{r} 360 \\ + 294 \\ \hline \end{array}$$

$$\begin{array}{r} 524 \\ + 915 \\ \hline \end{array}$$

$$\begin{array}{r} 1,011 \\ - 706 \\ \hline \end{array}$$

$$\begin{array}{r} 1,679 \\ - 831 \\ \hline \end{array}$$

$$\begin{array}{r} 572 \\ + 140 \\ \hline \end{array}$$

$$\begin{array}{r} 368 \\ - 147 \\ \hline \end{array}$$

$$\begin{array}{r} 393 \\ + 311 \\ \hline \end{array}$$

$$\begin{array}{r} 734 \\ + 850 \\ \hline \end{array}$$

$$\begin{array}{r} 852 \\ - 522 \\ \hline \end{array}$$

$$\begin{array}{r} 793 \\ + 534 \\ \hline \end{array}$$

$$\begin{array}{r} 1,620 \\ - 802 \\ \hline \end{array}$$

$$\begin{array}{r} 625 \\ + 811 \\ \hline \end{array}$$

$$\begin{array}{r} 368 \\ - 204 \\ \hline \end{array}$$

$$\begin{array}{r} 970 \\ + 595 \\ \hline \end{array}$$

$$\begin{array}{r} 351 \\ + 383 \\ \hline \end{array}$$

$$\begin{array}{r} 1,736 \\ - 768 \\ \hline \end{array}$$

$$\begin{array}{r} 938 \\ + 465 \\ \hline \end{array}$$

$$\begin{array}{r} 1,187 \\ - 881 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 3 \\ \hline \square \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + \square \\ \hline 25 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 3 \\ \hline \square \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + \square \\ \hline 24 \\ + \square \\ \hline \end{array}$$

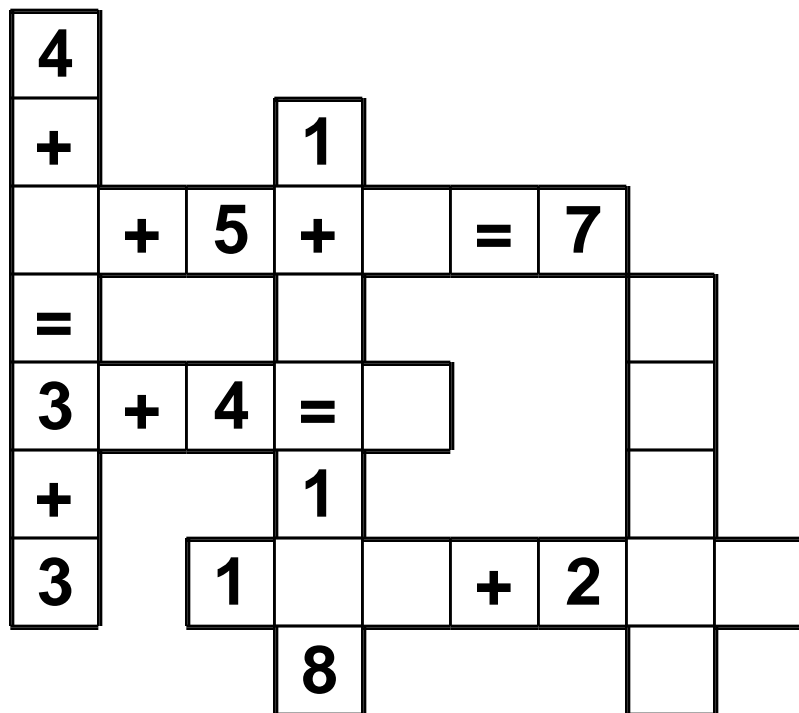
$$\begin{array}{r} 32 \\ + \square \\ \hline 40 \\ - 2 \\ \hline \end{array}$$

$$\square$$

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

2 • 0 • 8 • 1 • 7 • + • 4 • + • 5 • = • 8 • 5

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



What is the value  
of the BIG digit?

4, **8** 82,535

Write the ordinal number that  
comes after twenty-first.

\_\_\_\_\_

2  $\overline{10}$

Make a pattern.

Start with 77.

Add 8.

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

55 - 7 = \_\_\_\_\_

Insert a comma in the appropriate  
place in this sentence.

My mother fried me an egg for  
breakfast but I was really in the  
mood for scrambled eggs this  
morning.

For each pair of words, write S if they  
are synonyms and A if they are  
antonyms.

false/untrue \_\_\_\_\_

strange/odd \_\_\_\_\_

alike/different \_\_\_\_\_

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

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Use the fewest bills and coins to make \$27.52.

	\$5		
25¢			

Use the fewest bills and coins to make \$51.28.

Use the fewest bills and coins to make \$16.23.

Use the fewest bills and coins to make \$25.37.

Is 31 prime or composite?

\_\_\_\_\_

The factors of 15 are 1 \_\_\_\_ 15

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

Ready to make equations? There is a missing equation in each box.

Circle the numbers once you find it!

**A**

82	47	49
95	97	40
59	21	70

Find an addition fact.

**B**

86	66	43
73	16	50
61	80	44

Find an addition fact.

**C**

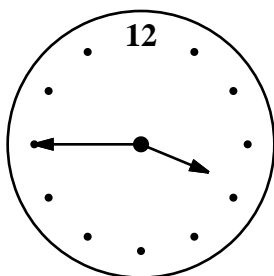
54	49	75
17	81	60
37	9	62

Find an addition fact.

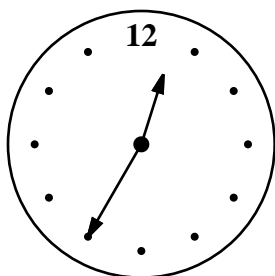
Equations:

Write the equation facts you found.

A	21	+	49	=	70
B		+		=	
C		+		=	



current time (pm)



time party starts (pm)

How long until the party? \_\_\_\_\_

$$\begin{array}{r} 13 \\ 21 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ 11 \\ + 10 \\ \hline \end{array}$$

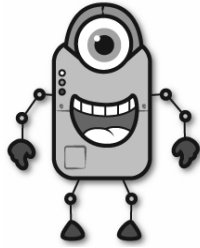
How many hours are in three days?

\_\_\_\_\_

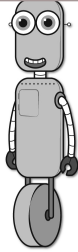
Write the number for one thousand, thirty-seven.

\_\_\_\_\_

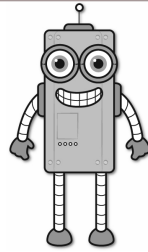
Name: \_\_\_\_\_



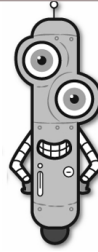
Emily



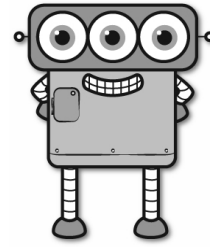
David



Amy



Jack



Erin

### Facts

David is fifteen years older than Emily.

Emily is seven years old.

Jack is twenty-four years older than Emily.

Erin is thirty-one years older than Amy.

Amy is three times as old as Emily.

How old is Emily? \_\_\_\_\_

How old is David? \_\_\_\_\_

How old is Amy? \_\_\_\_\_

How old is Jack? \_\_\_\_\_

How old is Erin? \_\_\_\_\_

Add a word or a phrase to the group of words in order to make a complete sentence.

Leah, Amy, and Jo laughingly

\_\_\_\_\_  
\_\_\_\_\_

$$\begin{array}{r} 94 \\ + 54 \\ \hline \end{array}$$

Circle the correctly spelled words.

ambulance, ambulance

balcony, balcany

frolic, frolick



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x  
+ =  
- ÷  
< >

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