

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 4 in your head

add 3

multiply 7

Write the tens digit.

 A

imagine 8 in your head

double it

subtract 6

subtract 7

Write the number.

 B

imagine 7 in your head

subtract 4

multiply 12

double it

subtract 7

Write the even digit
in your answer.

 C

imagine 3 in your head

multiply 8

subtract 6

add 7

add 1

Add the tens digit to
the ones digit.

Write the sum.

 D

What is the sum?

A + B + C + D

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

_____ t _____ n _____

8 after 14 _____

9 before 14 _____

7 before 15 _____

9 after 12 _____

5 before 16 _____

4 before 19 _____

3 after 17 _____

3 before 17 _____

8 before 18 _____

2 after 11 _____

2 before 12 _____

1 before 11 _____

Name: _____

<p>Hunter baked 9 cookies. He needs 24 in all. How many more cookies does he need?</p>	<p>Megan counted 41 parents at the picnic. Amy counted 9 more than Megan. How many parents did Amy count?</p>	<p>Emily had 30 smiley face stickers. She gave 12 stickers to Jane. How many stickers did she have left?</p>
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Fill in the numbers.

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>42</td><td></td><td>44</td></tr> <tr><td></td><td></td><td>54</td></tr> <tr><td>62</td><td>63</td><td>64</td></tr> </table>	42		44			54	62	63	64	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td></td><td></td><td>79</td><td></td></tr> <tr><td></td><td></td><td></td><td>90</td></tr> <tr><td>97</td><td></td><td></td><td>100</td></tr> </table>			79					90	97			100	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td></td><td>54</td><td></td></tr> <tr><td>63</td><td></td><td></td></tr> <tr><td></td><td>74</td><td>75</td></tr> </table>		54		63				74	75	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td></td><td>69</td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>		69				
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- slem
- slaam
- slam
- slamm

521 538 500 553

Write the numbers in order from least to greatest.

least			greatest

76
- 17

Name: _____

At 8:00 a.m. Mr. Allen started packing quarts of milk in crates. By 9:00 a.m., he had packed 76 quarts. He took a break from 9:00 a.m. to 9:30 a.m. From 9:30 a.m. to 10:30 a.m., he packed 84 quarts. How many quarts of milk did he pack from 8:00 a.m. to 10:30 a.m.?

Jacob is in the Hospitality Program at Martin County Community College. He wants to become a pastry chef and prepare the desserts for a famous restaurant in New York City. He attends classes from 6:20 a.m. to 1:40 p.m. He gets thirty-two minutes free each day for lunch. If he attends classes on Monday, Wednesday, Thursday, and Friday, how much time does he spend in his classes each week?

Connect coin groups to make 70 cents. How many groups can you make?

1 quarter

35 pennies

10 nickels

30 pennies

4 nickels

5 pennies

15 pennies

2 dimes

1 dime

$$\begin{array}{r} \frac{4}{11} \\ - \frac{3}{11} \\ \hline \end{array}$$

Reduce $\frac{16}{56}$ to its lowest terms.

$$\begin{array}{r} \frac{6}{8} \\ + \frac{1}{8} \\ \hline \end{array}$$

Name: _____

Put these things in order from least to greatest.

5 triples

$5\frac{1}{5}$ triples

4 dozen

$8\frac{4}{6}$ dozen

Which of the following is the greatest possible 2-digit number with all different digits?

You need to add what to 75 to get 84?

Which number is a 4-digit even number?

$$8 - 4 + 7$$

80, 85, _____, 95, 100, 105

Eric earns \$15 an hour. He worked 2 hours. How much did he make?

How many hours are in one day?

What is the value of the 7 in 76?

Name: _____

It was a sunny day in Falkville. Not a cloud was in sight. In fact, Falkville had exactly 6 hours of sun for the day.

Rio Grande City had sunrise at 4:46 a.m. and sunset at 9:39 p.m. and also had a completely sunny day. Amazing!

How much total sun in hours and minutes did Rio Grande City get?

Which city had more sun for the day?

$$(4 + 12) + 11$$

Which number has exactly 8 tens?

Name the shape with four sides and four angles.

What number is halfway between 0 and 6?

$$\underline{\quad} \div 10 = 11$$

Find the product of 8 and 5.

Name: _____

Write four words to describe this baseball player.

1. _____

2. _____

3. _____

4. _____



©edHelper

Fill in the boxes so each line equals 11.

11

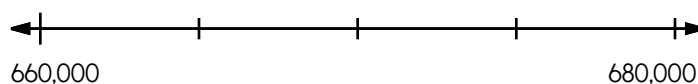
$$\boxed{} \times \boxed{11}$$

$$\boxed{} - \boxed{4}$$

$$\boxed{} \div \boxed{5}$$

$$(\boxed{8} + \boxed{}) - \boxed{}$$

Locate where to put the number 665,000 and label the point D.



Write the fraction for 0.91.

If you add 6 to me, the sum is 65. What number am I?

Which is larger, 7 or 0.8?


Do you use A.M. or P.M. to write 7:00 in the morning?

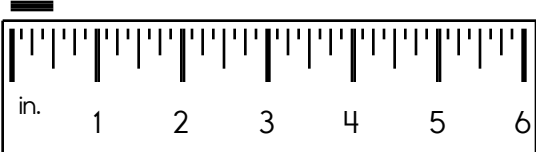
$$\begin{array}{r} 4 \\ \times 1 \\ \hline \end{array}$$

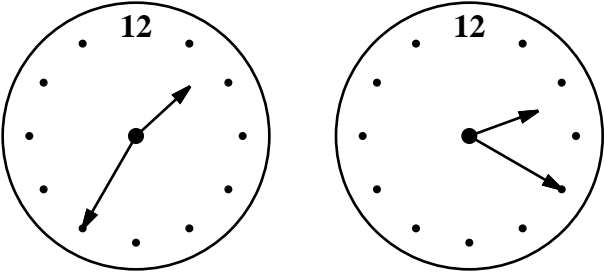
If $a = 16$, then what does $a - 6$ equal?

Is 55 closer to 50 or 60?

Name: _____

Write the number for ninety thousand, three hundred twelve. _____	Write the unshaded part as a decimal.  _____	$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$
--	--	--

Write the number with 5 hundreds and 6 ten-thousands. _____	Write the length in inches. _____ 	<input type="radio"/> wear <input type="radio"/> wihr <input type="radio"/> wahr <input type="radio"/> wour
--	--	--

Add one hundred to 822. _____		
If $\square = 4$, then $3 + \square =$ _____	current time (pm) time party starts (pm)	How long until the party? _____

What is a good estimate for 12 times 592? _____	Make a pattern. Start with 47. Subtract 5; add 3. _____, _____, _____, _____, _____
--	--

How many seconds are in two minutes? _____	Expand the number. $713 = \underline{700} + \underline{\quad} + \underline{\quad}$
---	---

What is the value of the BIG digit? 51, 7 86,533 _____	Round 938 to the nearest ten. _____
---	--

Name: _____

Which number is eight hundred forty-five?
845 8,405 458
854

Write the correct symbol.
< = >
74,522 ○ 24,725

$$\begin{array}{r} 40 \\ 10 \\ + 23 \\ \hline \end{array}$$

Fill in the missing fractions.
_____, _____, $\frac{4}{10}$, $\frac{5}{10}$

What is the area of a square that measures 6 mm on one of its sides?

- casual
- cesual
- kazhuwuhl
- casua

The factors of 8 are 1 _____ 8

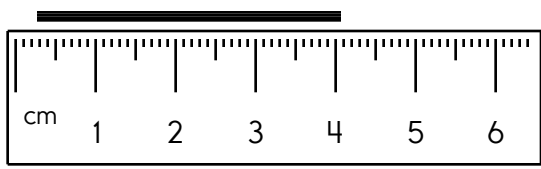
How many days are in August?

Write the correct symbol.
< = >
743 ○ 734

$99 - 43 =$ _____

Do you use A.M. or P.M. to write the time you eat breakfast?

Write the length in centimeters.



$$\begin{array}{r} 83 \\ - 77 \\ \hline \end{array}$$

$45 + 7 =$ _____

Share 18 equally among 3.

$$\begin{array}{r} 56 \\ + 12 \\ \hline \end{array}$$

Name: _____

$$\begin{array}{r} 415 \\ + 621 \\ \hline \end{array}$$

$$\begin{array}{r} 380 \\ + 750 \\ \hline \end{array}$$

$$\begin{array}{r} 102 \\ + 218 \\ \hline \end{array}$$

$$\begin{array}{r} 881 \\ - 327 \\ \hline \end{array}$$

$$\begin{array}{r} 744 \\ - 100 \\ \hline \end{array}$$

$$\begin{array}{r} 1,608 \\ - 821 \\ \hline \end{array}$$

$$\begin{array}{r} 1,741 \\ - 964 \\ \hline \end{array}$$

$$\begin{array}{r} 1,056 \\ - 635 \\ \hline \end{array}$$

$$\begin{array}{r} 1,177 \\ - 373 \\ \hline \end{array}$$

$$\begin{array}{r} 361 \\ + 262 \\ \hline \end{array}$$

$$\begin{array}{r} 913 \\ + 814 \\ \hline \end{array}$$

$$\begin{array}{r} 113 \\ + 904 \\ \hline \end{array}$$

$$\begin{array}{r} 879 \\ - 380 \\ \hline \end{array}$$

$$\begin{array}{r} 822 \\ + 881 \\ \hline \end{array}$$

$$\begin{array}{r} 1,117 \\ - 157 \\ \hline \end{array}$$

$$\begin{array}{r} 922 \\ + 415 \\ \hline \end{array}$$

$$\begin{array}{r} 1,409 \\ - 497 \\ \hline \end{array}$$

$$\begin{array}{r} 563 \\ + 818 \\ \hline \end{array}$$

$$\begin{array}{r} 569 \\ + 652 \\ \hline \end{array}$$

$$\begin{array}{r} 1,126 \\ - 258 \\ \hline \end{array}$$

$$\begin{array}{r} 1,198 \\ - 833 \\ \hline \end{array}$$

$$\begin{array}{r} 696 \\ + 876 \\ \hline \end{array}$$

$$\begin{array}{r} 898 \\ + 862 \\ \hline \end{array}$$

$$\begin{array}{r} 830 \\ - 219 \\ \hline \end{array}$$

$$\begin{array}{r} 782 \\ + 651 \\ \hline \end{array}$$

$$\begin{array}{r} 851 \\ + 451 \\ \hline \end{array}$$

$$\begin{array}{r} 294 \\ + 364 \\ \hline \end{array}$$

$$\begin{array}{r} 1,198 \\ - 339 \\ \hline \end{array}$$

$$\begin{array}{r} 1,178 \\ - 991 \\ \hline \end{array}$$

$$\begin{array}{r} 1,231 \\ - 405 \\ \hline \end{array}$$

$$\begin{array}{r} 581 \\ + 464 \\ \hline \end{array}$$

$$\begin{array}{r} 1,096 \\ - 260 \\ \hline \end{array}$$

$$\begin{array}{r} 495 \\ + 233 \\ \hline \end{array}$$

$$\begin{array}{r} 254 \\ + 300 \\ \hline \end{array}$$

$$\begin{array}{r} 1,295 \\ - 780 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 8 \\ \hline \square \\ + 7 \\ \hline \square \\ + 5 \\ \hline \square \\ + 9 \\ \hline 36 \\ - \square \\ \hline 28 \\ - 9 \\ \hline \square \\ + 5 \\ \hline \square \\ - 7 \\ \hline 17 \\ + \square \\ \hline 19 \\ + \square \\ \hline 28 \\ + \square \\ \hline 32 \end{array}$$

Name: _____

6 • ÷ • 3 • 5 • 9 • 4 • 7 • 8 • 1 • = • 0 • 1 • 2 • 4 • ÷ • 4
= • 1

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

The puzzle grid contains the following elements:

- Top row: 0 ÷ [] = 0
- Second row: [] 0 ÷ [] = 6
- Third row: 5, 2, [], 3, []
- Fourth row: 6, 8 ÷ [] = 2, [], ÷
- Fifth row: ÷, 4, [], 2, 3
- Sixth row: [] ÷ 2 = 4, 9 ÷ 9 = []
- Seventh row: 7, [], 8, shaded, 7, [], 8, shaded, 3
- Eighth row: ÷, [], [], ÷ 3 = 4
- Ninth row: 5, [], ÷
- Tenth row: =, [], 9
- Eleventh row: [], [], [], [], []
- Twelfth row: 8

Write a fraction to represent what is shaded.

Circle the odd numbers.

- | | | | |
|----|----|----|-----|
| 38 | 86 | 77 | 125 |
| 88 | 74 | 51 | 30 |
| 34 | 89 | 79 | 128 |

Name: _____

$$\begin{array}{r} \$0.37 \\ + \$0.66 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.88 \\ - \$0.54 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.02 \\ + \$0.61 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.52 \\ - \$0.32 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.14 \\ + \$0.45 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.95 \\ - \$0.03 \\ \hline \end{array}$$

$$\begin{array}{r} \$26.80 \\ + \$22.77 \\ \hline \end{array}$$

$$\begin{array}{r} \$34.31 \\ - \$29.32 \\ \hline \end{array}$$

$$\begin{array}{r} \$12.92 \\ + \$12.10 \\ \hline \end{array}$$

$$\begin{array}{r} \$5.62 \\ + \$5.46 \\ \hline \end{array}$$

$$\begin{array}{r} \$23.71 \\ - \$22.62 \\ \hline \end{array}$$

$$\begin{array}{r} \$16.19 \\ - \$11.00 \\ \hline \end{array}$$

$$\begin{array}{r} \$11.35 \\ + \$6.05 \\ \hline \end{array}$$

$$\begin{array}{r} \$20.46 \\ + \$15.18 \\ \hline \end{array}$$

$$\begin{array}{r} \$8.90 \\ - \$8.70 \\ \hline \end{array}$$

$$\begin{array}{r} \$20.38 \\ - \$16.86 \\ \hline \end{array}$$

triple 80 =

$$36 \div 9 \times 1$$

What is 16 less than 799?

What number is halfway between 13 and 17?

At 2 p.m. today, Maria will not be able to use her electronics for 3 hours. At what time will she be able to resume using her phone?

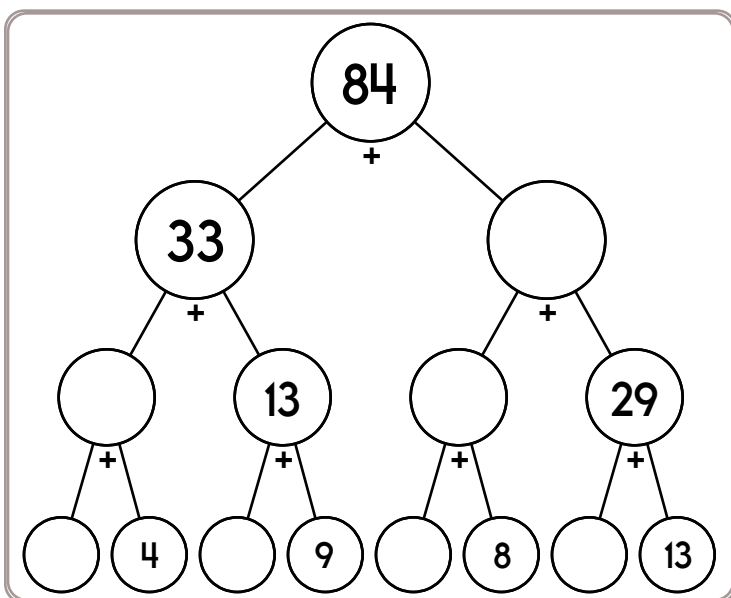
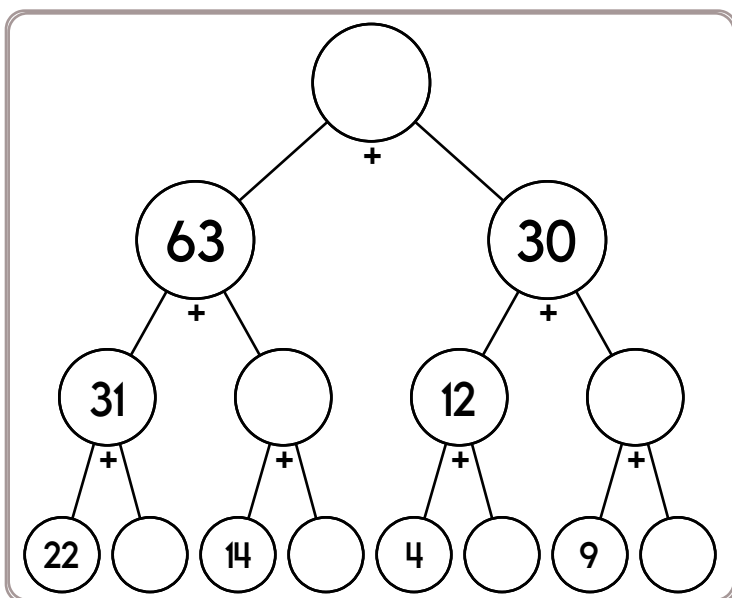
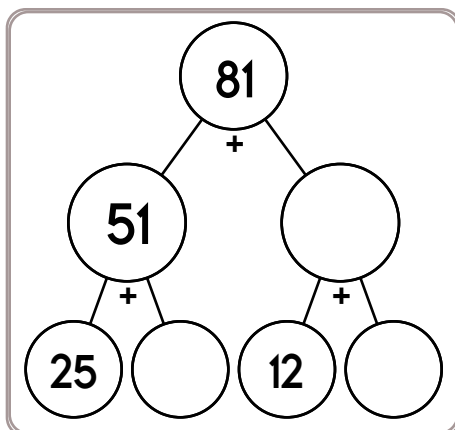
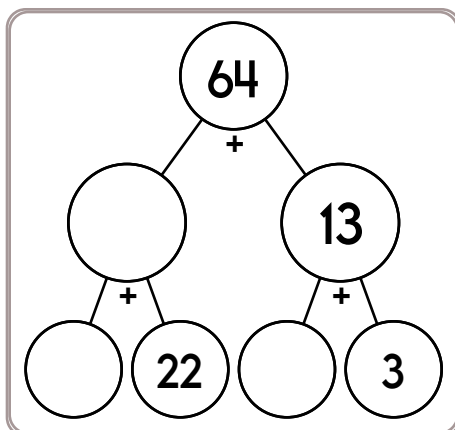
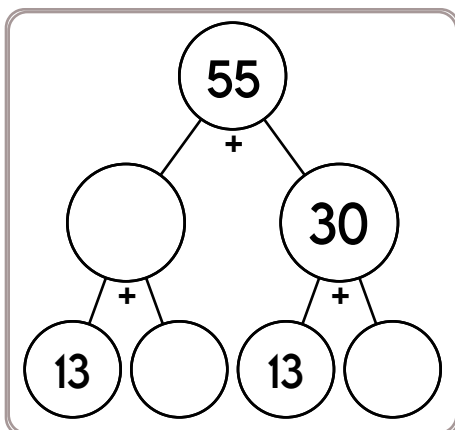
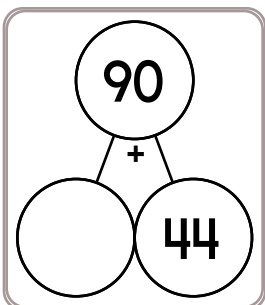
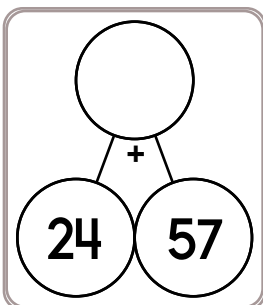
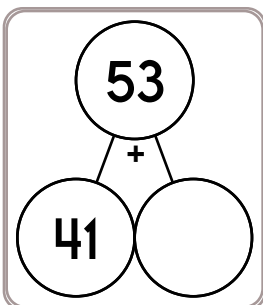
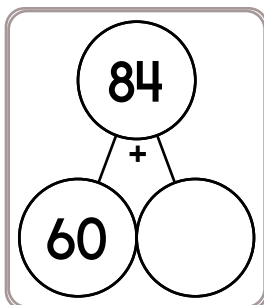
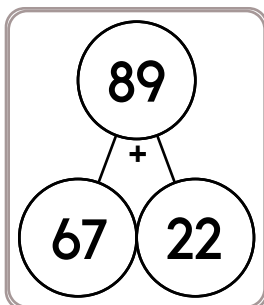
How many tens are in the number 74,000?

Emma has 32 books. She organized them equally into 4 boxes. How many books in each box?

How many hundreds are in the number 2,000?

How much greater is 171 than 42?

Name: _____



Is 477 closer to 400 or 500?

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

How many total legs are on 9 owls?

Name: _____

x	0	1	2	3	4	5	6	7	8	9	10	11	12
2				6									
3										27			
4		4											
5	0												
6						30							
7					28								
8								56					
9													108
10									80				
11			22										
12											120		

$5 \times 6 =$ $5 \times 7 =$ $7 \times 3 =$ $3 \times 6 =$ $12 \times 12 =$

$9 \times 2 =$ $7 \times 11 =$ $2 \times 8 =$ $12 \times 11 =$ $6 \times 9 =$

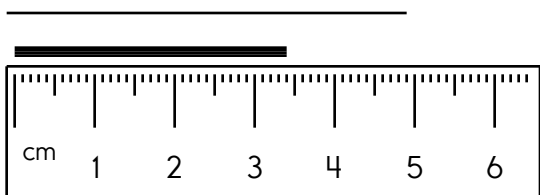
$0 \times 6 =$ $5 \times 3 =$ $10 \times 2 =$ $12 \times 4 =$ $9 \times 11 =$

$2 \times 11 =$ $7 \times 7 =$ $6 \times 9 =$ $8 \times 1 =$ $5 \times 10 =$

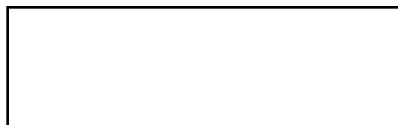
Name: _____

X	3	3		2	7	
6	18			12		
	6×3	6×3	$6 \times \underline{\quad}$	6×2	6×7	$6 \times \underline{\quad}$
	$\underline{\quad} \times 3$	$\underline{\quad} \times 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times 2$	$\underline{\quad} \times 7$	$\underline{\quad} \times \underline{\quad}$
12			60		84	
	12×3	12×3	$12 \times \underline{\quad}$	12×2	12×7	$12 \times \underline{\quad}$
9	27					108
	9×3	9×3	$9 \times \underline{\quad}$	9×2	9×7	$9 \times \underline{\quad}$
	$\underline{\quad} \times 3$	$\underline{\quad} \times 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times 2$	$\underline{\quad} \times 7$	$\underline{\quad} \times \underline{\quad}$
8		24		16		96
	8×3	8×3	$8 \times \underline{\quad}$	8×2	8×7	$8 \times \underline{\quad}$
	$\underline{\quad} \times 3$	$\underline{\quad} \times 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times 2$	$\underline{\quad} \times 7$	$\underline{\quad} \times \underline{\quad}$
	21			14		
	$\underline{\quad} \times 3$	$\underline{\quad} \times 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times 2$	$\underline{\quad} \times 7$	$\underline{\quad} \times \underline{\quad}$

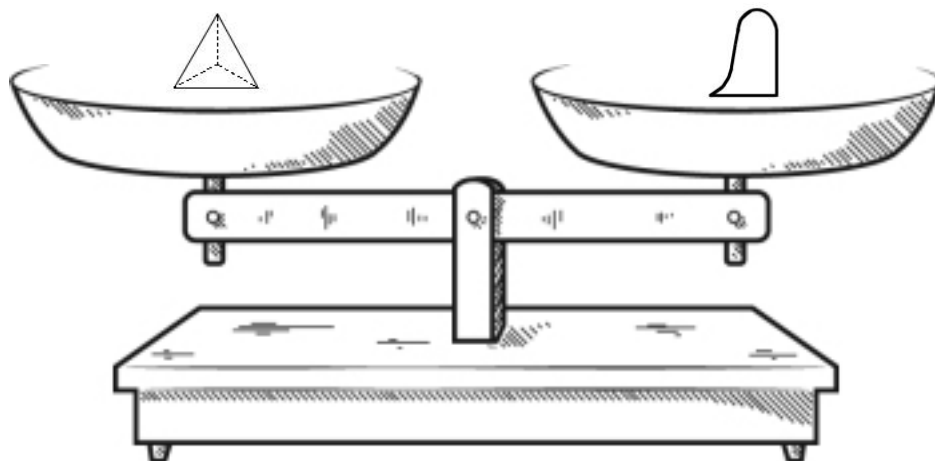
Write the length in centimeters.



Color in $\frac{3}{5}$ of the rectangle.



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 one is true? If not, look again!

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

How many total legs are on 6 elephants?

$64 \div 8 =$

Amy has \$48. She wants to buy something that costs \$93. How much more does she need?

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 4.

Every row must contain the numbers 1, 2, 3, and 4.

Every column must contain the numbers 1, 2, 3, and 4.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

9+	5+		6+
1234	1234	1234	1234
4	4+	3	2
	1234		
1234	9+		1234
	1234	1234	1234
1		6+	
	3	2	1234

Fill in the blanks. These equations are from the puzzle above.

$4 + \underline{\quad} = 5$

$\underline{\quad} + 3 + \underline{\quad} = 9$

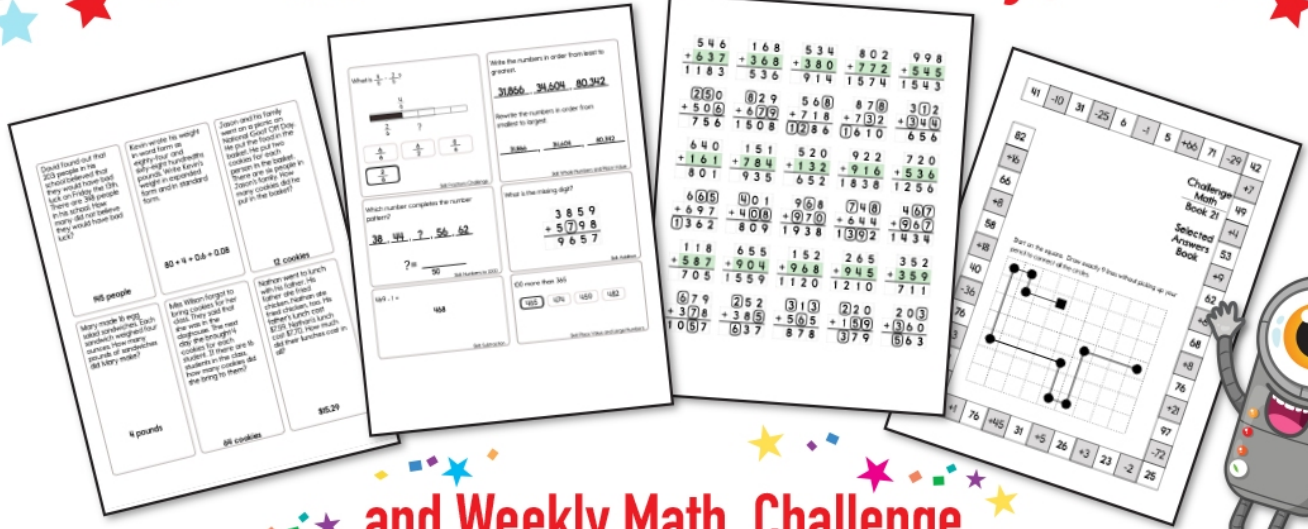
$\underline{\quad} + 2 + \underline{\quad} = 6$

$\underline{\quad} + 3 = 4$

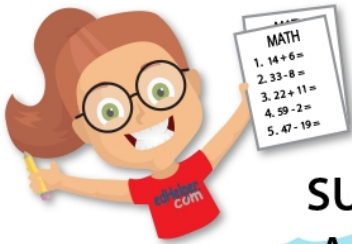
$\underline{\quad} + 4 + \underline{\quad} = 9$

$2 + \underline{\quad} = 6$

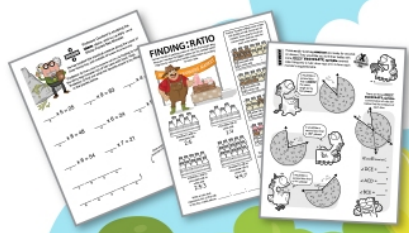
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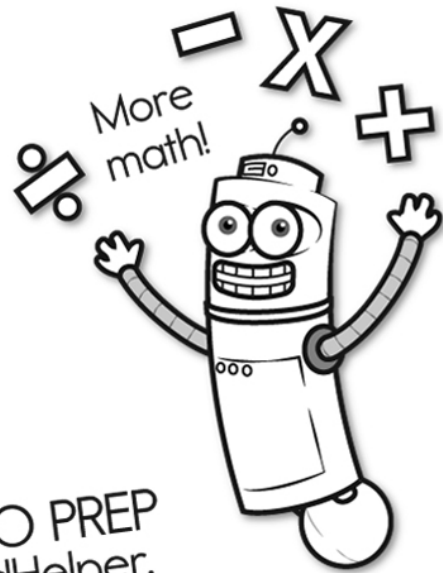
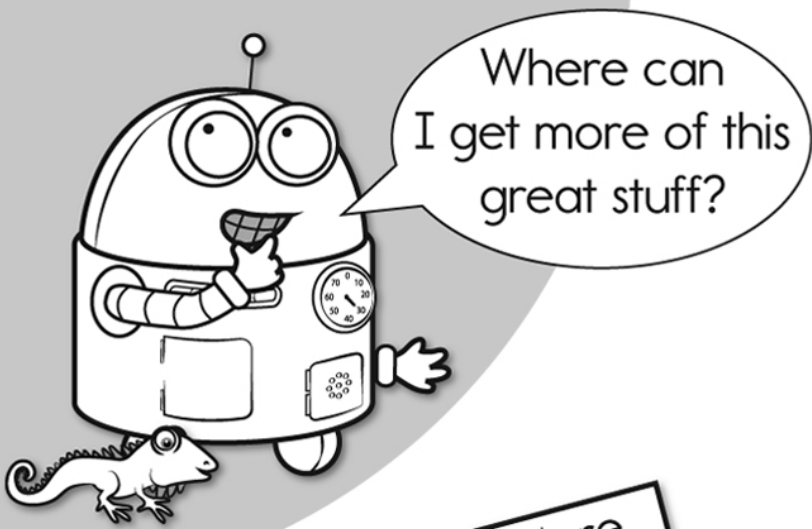
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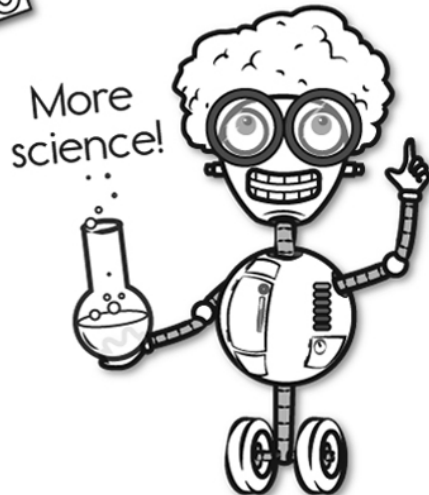
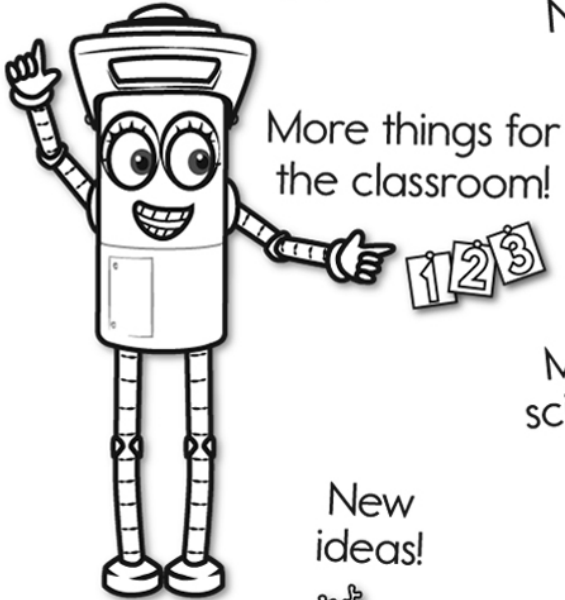
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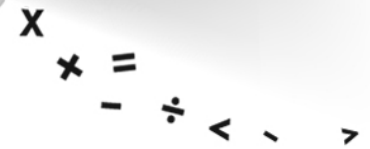


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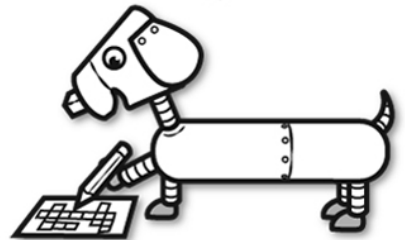
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