

Name: _____

41	$-\frac{2}{3}$				+45		$-\frac{1}{4}$
		+46	+18				
						$+2\frac{2}{3}$	
		-1	$-9\frac{2}{5}$				
			$39\frac{5}{12}$			-22	
-14		$-8\frac{3}{5}$	$+\frac{3}{5}$		+4		
$-\frac{2}{3}$		-23	$-\frac{1}{4}$		$-\frac{2}{4}$	+6	$82\frac{14}{15}$

<p>Ava rolls a die. What is the chance of her rolling a 1?</p> <p>_____</p>	<p>$4 \div 2 = \underline{\hspace{2cm}}$</p>	$\begin{array}{r} 316 \\ + 484 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ - 17 \\ \hline \end{array}$
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<p>$517 + 424 = \underline{\hspace{2cm}}$</p>	<p>April rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being four?</p>
--	---

Name: _____



$3 \times 5 =$

$10 \times 2 =$

$10 \times 4 =$

$2 \times 4 =$

$8 \times 6 =$

$10 \times 12 =$

$10 \times 5 =$

$11 \times 3 =$

$5 \times 2 =$

$3 \times 12 =$

$3 \times 8 =$

$7 \times 12 =$



$__ \times 2 = 172$

$__ \times 3 = 81$

$95 \times __ = 855$

$21 \times __ = 126$

$__ \times 2 = 164$

$87 \times __ = 522$

$__ \times 9 = 621$

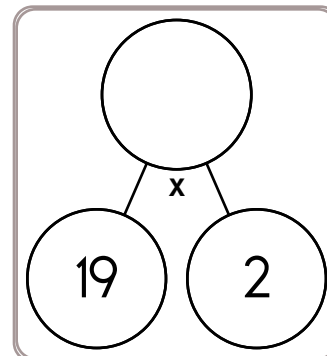
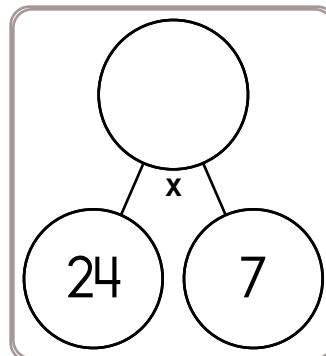
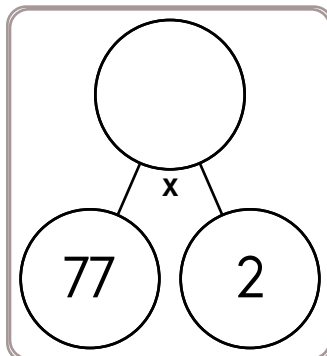
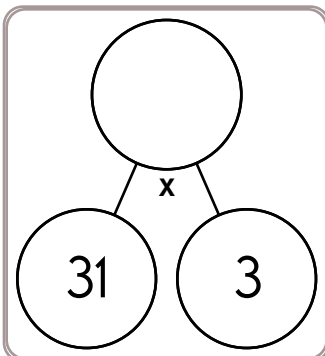
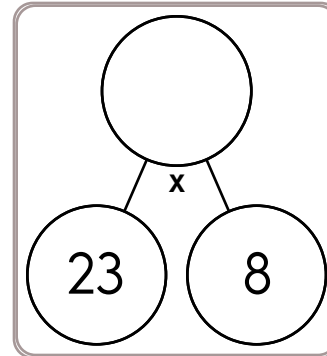
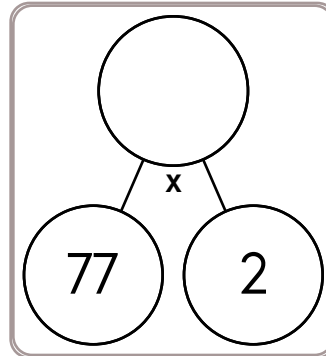
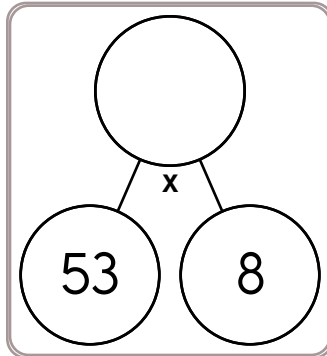
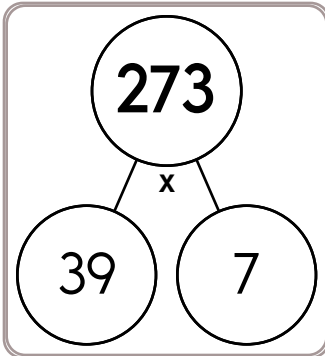
$72 \times __ = 288$

$__ \times 3 = 210$

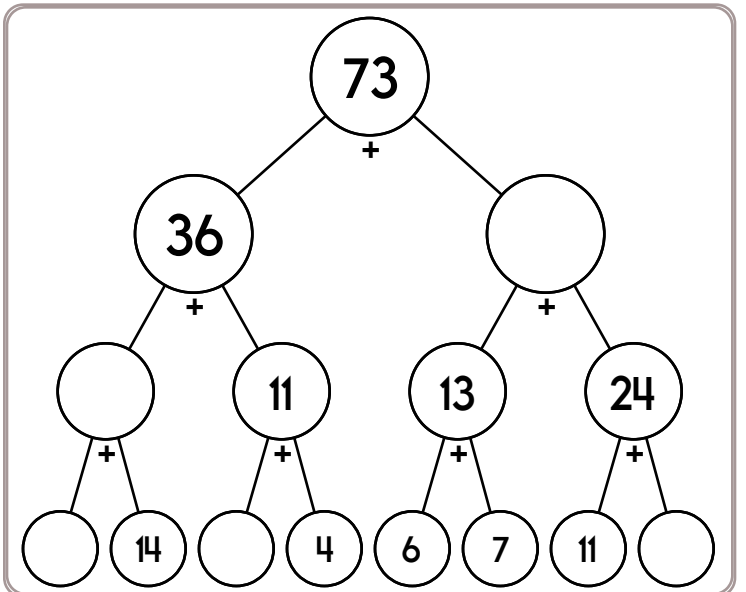
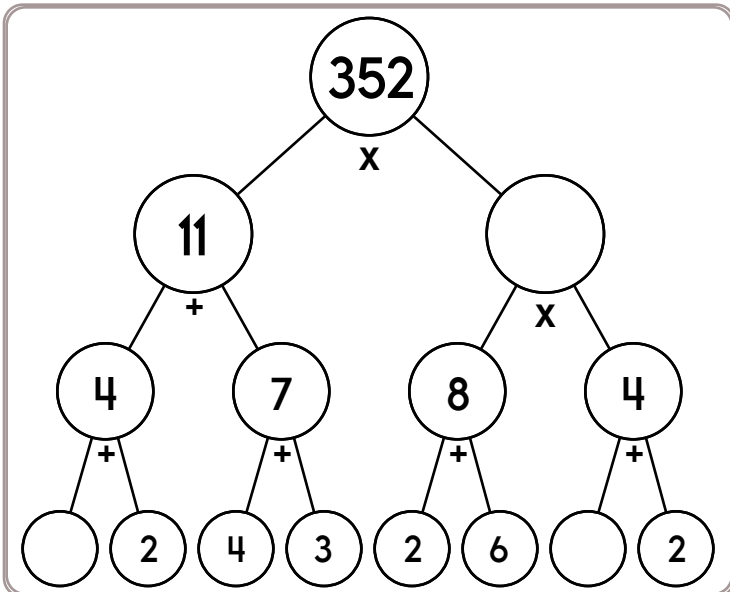
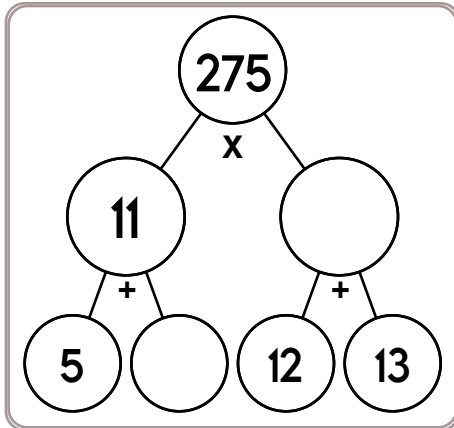
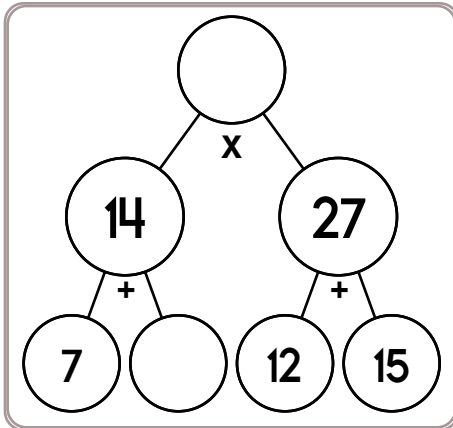
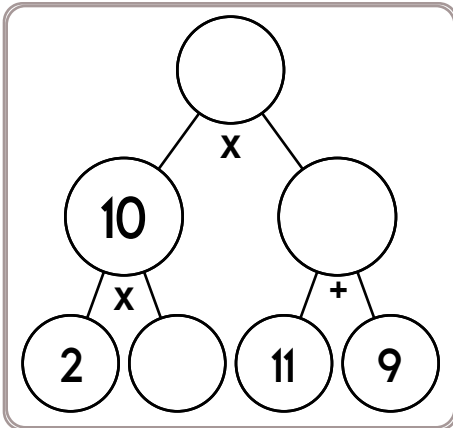
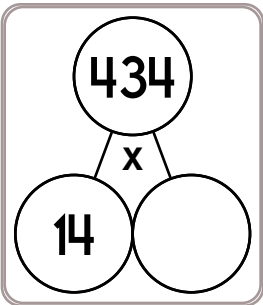
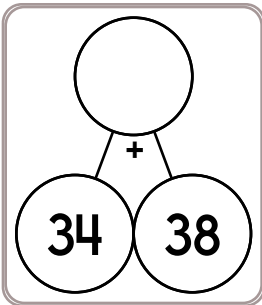
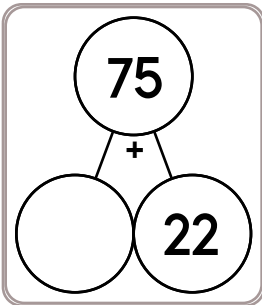
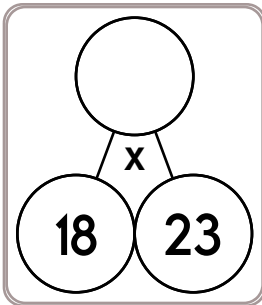
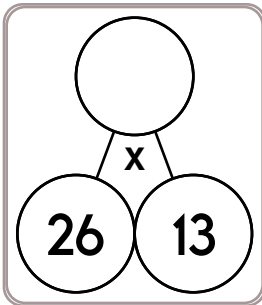
$__ \times 3 = 198$

$58 \times __ = 174$

$38 \times __ = 266$



Name: _____



Write the decimal number for:
six hundred eleven and forty-three hundredths

172 is what percent of 215?

$$\begin{array}{r} \frac{6}{9} \\ - \frac{1}{9} \\ \hline \end{array}$$

Name: _____

Wendy volunteered at the Red Cross office. She packed boxes of food to be taken to families whose homes had been destroyed by a tornado. The tornado was huge and many families were in the Red Cross shelters. In 6 days, Wendy and 18 other volunteers packed 1229 boxes of food. What was the average number of boxes packed per volunteer each day? Round your answer to the nearest whole number.

Rose wanted to learn about the different kinds of clouds. She checked out a book from the library. Her average reading rate is 196 words per minute. There are 27,944 words in the book. Approximately how long will it take her to read the book? (Express your answer in hours and minutes.)

Sarah weighs 174 pounds. What is her weight in kilograms? Write the answer to the nearest 0.1 kilogram. (Use the conversion: 1 kilogram = 2.2 pounds)

There were 15 messages on the answering machine when Adam arrived. Three of the messages were from Kevin. What are the odds that the first message will be from Kevin? Write your answer as a percent.

The student to teacher ratio at the school built by the Peace Corps volunteers is 41:2. If there are 10 teachers in the school, how many students are there?

Name: _____



$24 \div 4 =$

$54 \div 9 =$

$20 \div 4 =$

$16 \div 8 =$

$24 \div 6 =$

$15 \div 5 =$

$36 \div 9 =$

$16 \div 2 =$

$30 \div 6 =$

$21 \div 7 =$

$36 \div 4 =$

$14 \div 2 =$



$228 \div \underline{\quad} = 4$

$\underline{\quad} \div 7 = 99$

$\underline{\quad} \div 3 = 27$

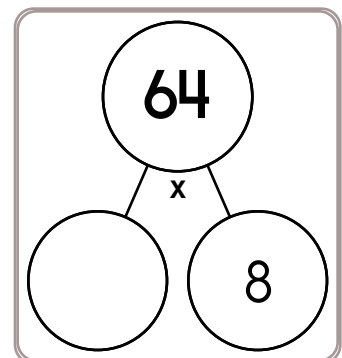
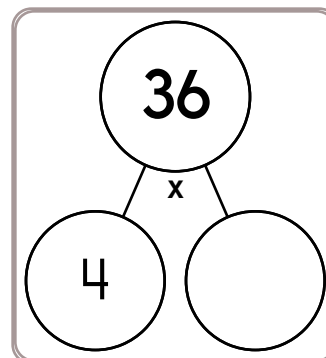
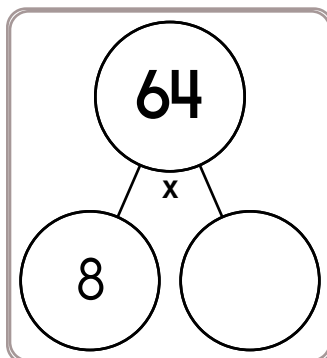
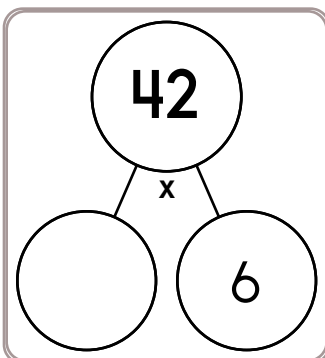
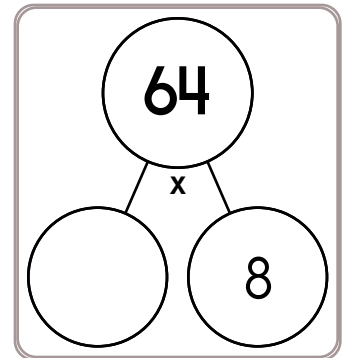
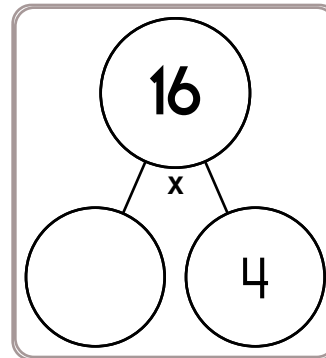
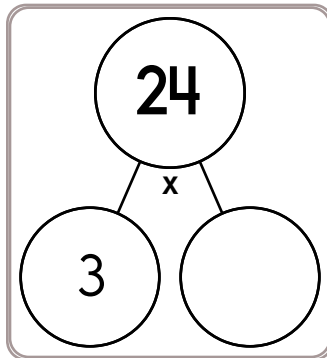
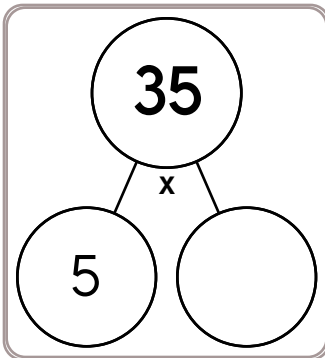
$450 \div \underline{\quad} = 50$

$\underline{\quad} \div 8 = 78$

$328 \div \underline{\quad} = 82$

$360 \div \underline{\quad} = 6$

$\underline{\quad} \div 5 = 44$



Name: _____

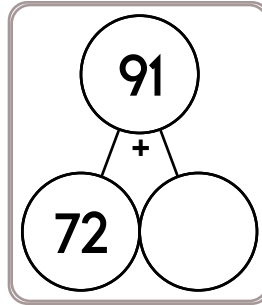
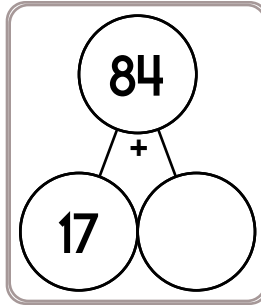
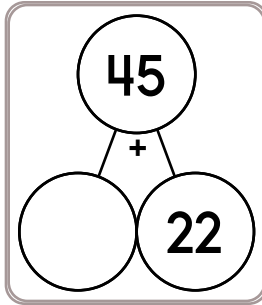
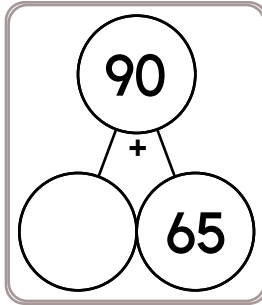
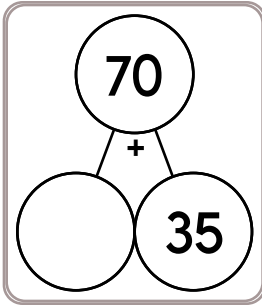
Every week Max spends $\frac{1}{2}$ of his allowance on books and $\frac{1}{5}$ of it on snack food. What fraction of his weekly allowance is this in all?

A third of the children at Deanna's Day Care like chocolate candy best. The rest of them like other kinds of candy. If there are 24 children at Deanna's Day Care, how many of them like chocolate candy best?

There are 2 prime numbers greater than 13 but less than 23. Name them.

Jessica rode her bike for 45 minutes. She went 8.4 miles. What is her speed in miles per hour? Round your answer to the nearest tenth of a mile per hour.

Name: _____



In what quadrant would you find the point (1, 19)?

Simplify.

$$\frac{24}{27} =$$

Circle the percentage that is closest to 24 out of 67:

- 93%
- 45%
- 5%
- 77%

At the dive meet Jack received scores of 9.9, 8.1, 7.9, 8.2, and 8.1. The largest and smallest scores were dropped and the rest were averaged for a final score and rounded to the nearest tenth. What is the final score Jack received?

8, 8, 0, 0, Y, 8, 8, 0, 0,
_____, 8, 8, 0, 0, Y, 8, 8

$$3 \times 3 \times 3 \times 3 = x^4$$

What is the value of x?

$$8 \times 8 \times 8 = Z^y$$

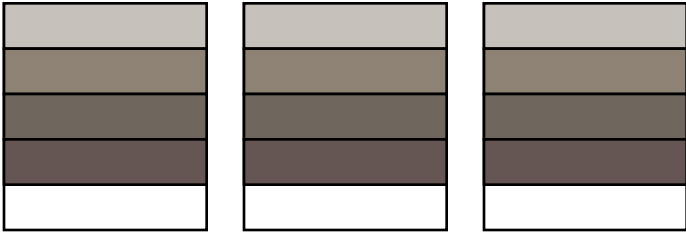
What is the value of Z and y?

If $s = -7$ and $h = 34$ then what is the value of t?
 $12s + 9h - 3h = t$

$$t - 8 + t = 38$$

What is the value of t?

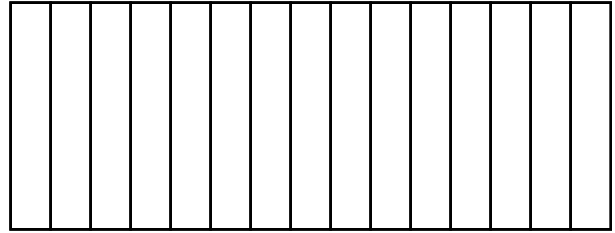
Name: _____



A total of three pizzas were ordered for a big party. Each pizza was divided into five slices and everyone at the party was given three slices. If there was no pizza left and everyone got their three slices, then how many people were at the party? Can you think of an equation using division to solve this?

How many fifths are in six-fifteenths?

Complete the bar model.



$$\frac{6}{15} \div \frac{1}{5} =$$

Multiplying by 4 is the same thing as dividing by

Multiplying by $\frac{3}{2}$ is the same thing as dividing by

Multiplying by $\frac{7}{6}$ is the same thing as dividing by

Multiplying by $\frac{8}{6}$ is the same thing as dividing by

Write as an improper fraction in simplest form.

$$1\frac{1}{5} =$$

$$1\frac{1}{3} =$$

$$2\frac{1}{2} =$$

Divide and write the quotient in simplest form.

$$1\frac{4}{5} \div \frac{4}{8} =$$

Name: _____

Draw a line to match each problem with the same answer.

98% of 100 ●

● 61% of 200

40% of 190 ●

● 21% of 100

100% of 122 ●

● 49% of 200

35% of 60 ●

● 41% of 200

90% of 60 ●

● 45% of 120

82% of 100 ●

● 50% of 96

55% of 180 ●

● 99% of 100

80% of 60 ●

● 76% of 100

Write as a decimal.

$$12 \frac{7}{10}$$

Write as a decimal.

Nine and two hundredths

Use $>$, $<$, or $=$ to complete.

$$0.8 \text{ ___ } 0.75$$

$$2.0 \text{ ___ } 2.7$$

$$7.15 \text{ ___ } 7.48$$

$$5.6 \text{ ___ } 5.3$$

$$8.5 \text{ ___ } 7.8$$

$$8.6 \text{ ___ } 7.9$$

$$5.9 \text{ ___ } 6.1$$

How many centimeters in 770.6 meters?

Round the decimal 0.465 to the nearest hundredth.

A rectangle is 58 cm on one side and 5 cm on another side. What is the perimeter?

$$3 \times 15 \div 3$$

80 divided by 8 equals

39, 48, 57, _____, 75, 84,
93, 102, 111

Name: _____

<p>Can 451 be evenly divided by 11? Circle: 451 is evenly divisible by 11 451 is NOT evenly divisible by 11</p>	$\begin{array}{r} 702 \\ - 659 \\ \hline \end{array}$	<p>8 x 8 = _____</p> <p>9 x 3 = _____</p>
---	---	---

<p>25 kg = _____ g</p>	<p>Rosa is giving out candy, but you need to guess her favorite number if you want some. Her favorite number has three digits. The three digits add up to eight. The units digit is 2 more than the hundreds digit. One digit in her number is one. The tens digit is 1 more than the units digit.</p> <p>Are you going to get candy?</p>
------------------------	---

<p>How many grams are in 2 kilograms? _____ grams</p>	<p>343 + 673 = _____</p>
---	--------------------------

<p>How many dimes make \$1?</p>	<p>Circle the greatest number: 8,349 6,403,952 87,101,542,796 37,208</p>	$\begin{array}{r} 36 \\ + 46 \\ \hline \end{array}$
---------------------------------	--	---

<p>1 cm = 10 mm 16 cm = _____ mm</p>	<p>8 x 3 = _____</p>	<p>9 x 3 = _____</p>
--	----------------------	----------------------

Name: _____

$11 \times 5 = \underline{\hspace{2cm}}$	<p>You have four digits to use in an addition problem: 7, 8, 7, and 1. Make up a problem where you have two 2-digit numbers. What is the largest sum you can make?</p>	$24 \div 4 = \underline{\hspace{2cm}}$
		$8 \times 9 = \underline{\hspace{2cm}}$

<p>Anne and Rosa are playing a number game. Anne says 9. Rosa replies that the answer is 1. Anne says 14. Rosa replies that the answer is 6. Anne says 12. Rosa replies that the answer is 4. Anne says 10. Rosa is thinking. What number should Rosa reply with?</p>	$9 \times 2 = \underline{\hspace{2cm}}$

<p>Rose told Jenna that she multiplied two consecutive whole numbers and the answer is 187. Jenna doesn't believe that is possible. She thinks Jenna must have multiplied wrong. Who is correct?</p>	<p>Can 696 be evenly divided by 3? Circle: 696 is NOT evenly divisible by 3 696 is evenly divisible by 3</p>
	$7,356 - 7,176 = \underline{\hspace{2cm}}$

Name: _____

Five-sixths of the children in Allen's class want to go outside. If Allen agrees with the majority, will the class stay inside or go outside?	$9,515 - 8,521 = \underline{\hspace{2cm}}$
	$55 \div 11 = \underline{\hspace{2cm}}$
	$11 \times 9 = \underline{\hspace{2cm}}$

What time is 14 hours after 3:00 a.m. _____	$2 \times 2 = \underline{\hspace{2cm}}$	Three toys cost \$12. At that rate, what is the cost of 6 toys?
--	---	---

Circle the addition property for $48 + 142 = 142 + 48$. associative property commutative property	20% of 100 is 20. 20% of 200 is 40. 20% of 500 is 100. What is 20% of 600?	$60 \div 12 = \underline{\hspace{2cm}}$
$9 \div 3 = \underline{\hspace{2cm}}$		

Write this as a number in standard form. Use a comma in your number. three hundred twenty-eight thousand five hundred fifteen _____	Fill in the missing operations to complete this equation: $17 \underline{\hspace{1cm}} 11 \underline{\hspace{1cm}} 15 = 202$
---	---

$6 \times 11 = \underline{\hspace{2cm}}$	Circle the digit in the tenths place. 19.2378
--	--

Name: _____

0 • 0 • 4 • 1 • 6 • x • 3 • x • 6 • = • 1 • 8 • 9 • ÷ • 8 • 4
= • 1 • 3 • 6

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

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

$60 \div 6 =$ _____

$2 \times 6 =$ _____

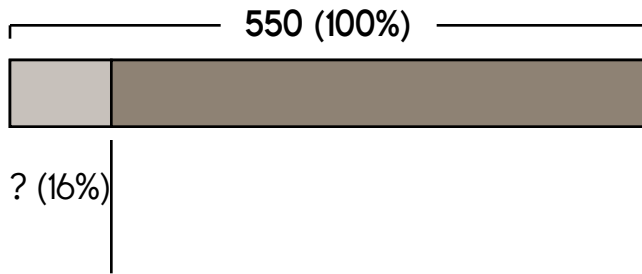
Write an equation to represent this:
The sum of five and seven is twelve.

$9,951 - 4,441 =$ _____

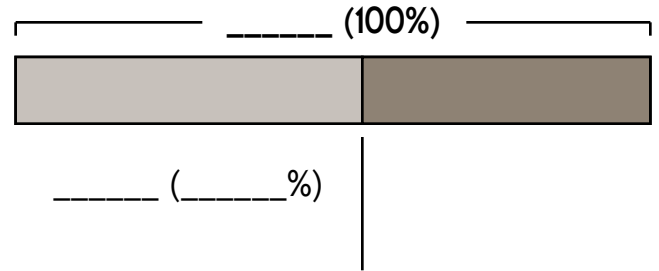
$(9 + 5) + 3 =$ _____

Name: _____

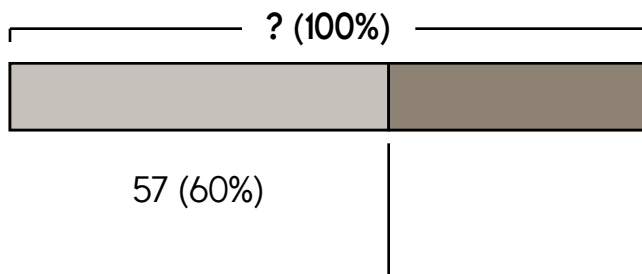
Find 16% of 550.



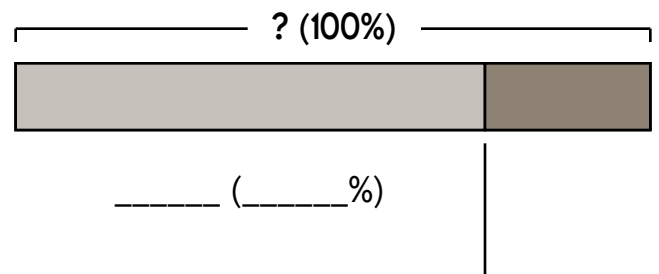
Complete the bar model to show how to find 55% of 700.



Find 55% of 700.



One ticket is being sold for each seat in the auditorium for the school play. So far, a total of 57 tickets have been sold or 60% of the total number of tickets. How many seats are in the auditorium?



Anne made a new game app. She let people download the game, and they had to reply if they liked it or not. She was happy to find that 74% of the people liked the game. If 250 people liked the game, how many people downloaded the game?

Name: _____

$$5 \overline{) 3.9155}$$

$$3 \overline{) 1250.4}$$

$$4 \overline{) 292.08}$$

$$\begin{array}{r} \frac{9}{11} \\ \frac{2}{11} \\ + \frac{2}{11} \\ \hline \end{array}$$

Find 70% of 140.

Write the decimal in words.

9.006

Change 0.07 to a percent.

$$373 + 676 + 28 + 799 =$$

Rewrite as a vertical equation and solve.

$$9.5 + 9.5 + 47.179$$

$$\begin{array}{r} 1.393 \\ + 278.1 \\ \hline \end{array}$$

1,647 is how much more than 937?

Find 15% of 275.

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.

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

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

1 4 3 2

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

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

4 1 2 3

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

Hint - These numbers are missing:

2 3 2 3 1 3 2 2 2 4

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

Hint - These numbers are missing:

2 2 1 2 4 2 2 4 1 1

Name: _____

Fill in the missing numbers.

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

Hint - These numbers are missing:

4 4 2 2 2
4 3 1 4 2

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

Hint - These numbers are missing:

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

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

Hint - These numbers are missing:

3 2 3 2 3
3 1 1 2 1

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

Hint - These numbers are missing:

1 2 1 2 3
2 1 1 3 3

Name: _____

Simplify by combining like terms.

$9h + 10h$

$19h$

$21w + 7w - 5w$

$15d - 8d$

$7b + 11b$

$17d - 4d + 3d$

$11w - 2w - 3w$

$12g + g$

$16w - 8w$

$13a + 8a - 2a$

$8a + 6a$

$9b + 3b$

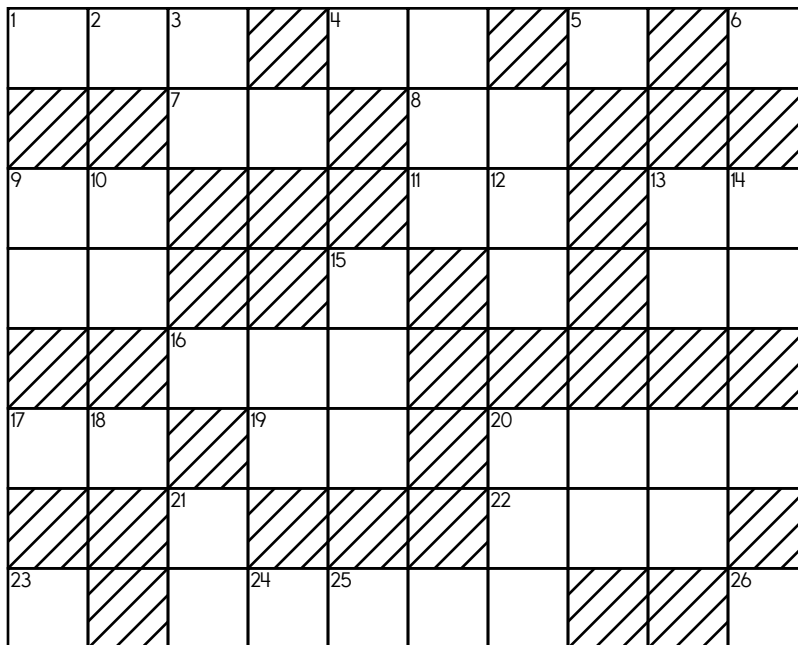
$14d - 4d$

Name: _____

ACROSS

DOWN

- | | |
|--|--|
| <p>4. The factors of 60 are 1, 2, 3, 4, 5, 6, 10, 12, 15, __, 30, 60.</p> <p>5. How many factors does 30 have?</p> <p>7. The factors of 44 are 1, 2, 4, 11, __, 44.</p> <p>8. First composite number after 11-Across</p> <p>11. 21</p> <p>16. the tens in 15-Down + the ones in 8-Across + the hundreds in 25-Across</p> <p>17. Average of 9-Down and 18-Down</p> <p>19. Average of 12-Down and 8-Across</p> <p>20. one thousand, six hundred thirty-two</p> <p>22. the ones in 5-Across + the hundreds in 25-Across + the tens in 8-Down</p> <p>23. How many factors does 42 have?</p> <p>24. Its digits total 18</p> <p>25. the ones in 19-Across + the tens in 11-Across + the hundreds in 20-Across</p> <p>26. One-fifth of 12-Down</p> | <p>1. How many factors does 16 have?</p> <p>2. The tens in 20-Across</p> <p>3. Average of 17-Across and 4-Across</p> <p>6. How many factors does 6 have?</p> <p>8. One more than 11-Across</p> <p>9. 14-Down plus 11-Across</p> <p>10. Sum of digits of 25-Across</p> <p>12. The factors of 50 are 1, 2, 5, __, 25, 50.</p> <p>13. One-ninth of 15-Down</p> <p>14. First prime number after 11-Across</p> <p>15. Six times 11-Across</p> <p>18. What is the greatest common factor of 5-Across and 9-Down?</p> <p>21. Average of 13-Down and 10-Down</p> <p>24. How many factors does 21 have?</p> <p>26. What is the greatest common factor of 32 and 38?</p> |
|--|--|



Name: _____

Figure out how many gold medals South Korea, Austria, the United States, and Switzerland received.

1. Austria won six more gold medals than one-half the number of gold medals won by Switzerland.
2. the United States has five fewer gold medals than Austria.
3. South Korea won two times as many gold medals as the United States.
4. The four countries won a total of twenty-seven gold medals.

$44 \div 4 = \underline{\hspace{2cm}}$

$15 \div 3 = \underline{\hspace{2cm}}$

$132 \div 11 =$

Maria is going to roll two dice.
What is the chance that her total will be either 9 or higher on her first roll?

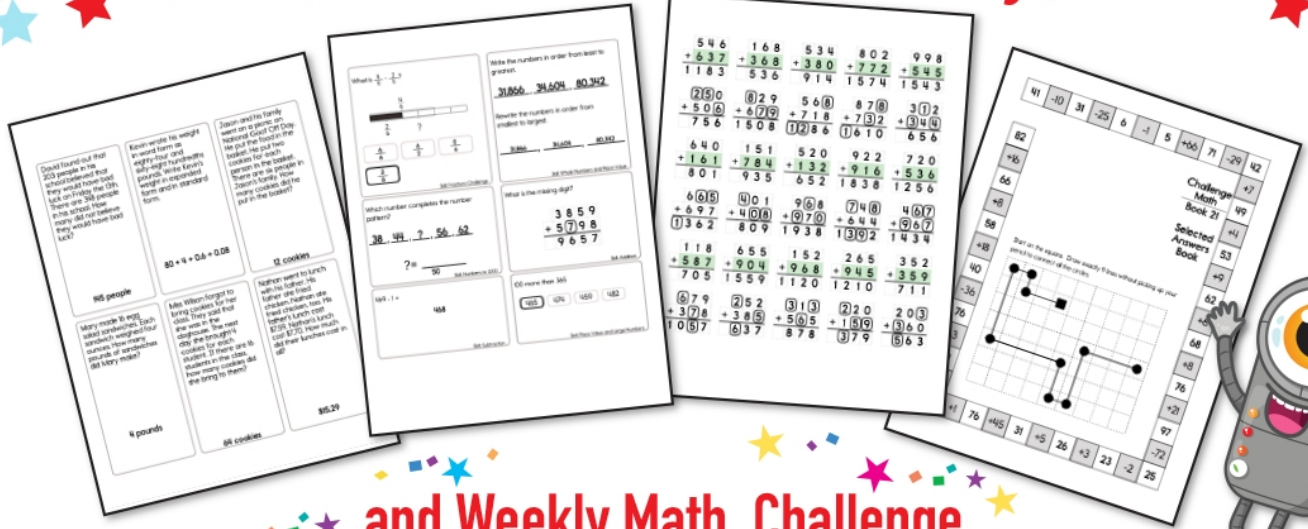
Rewrite these in increasing order of length:

60 mm, 4 dm, 788 km

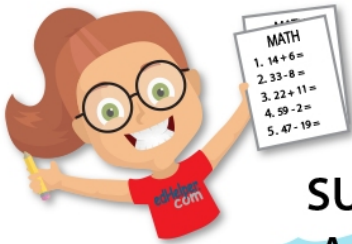
$6 \times 3 =$

$8 \times 7 = \underline{\hspace{2cm}}$

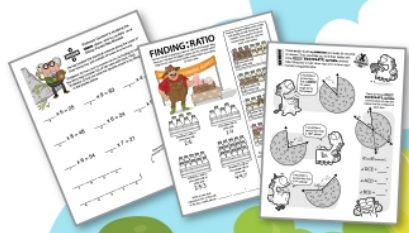
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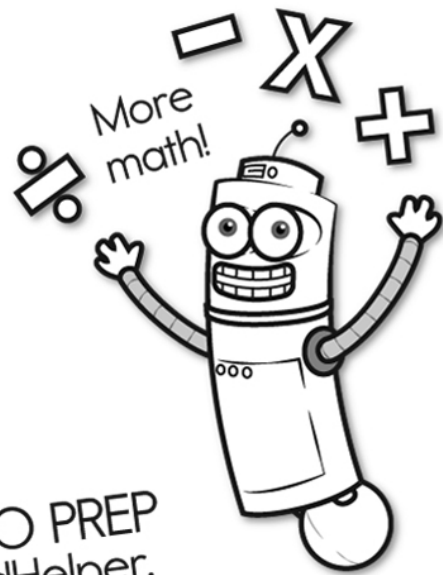
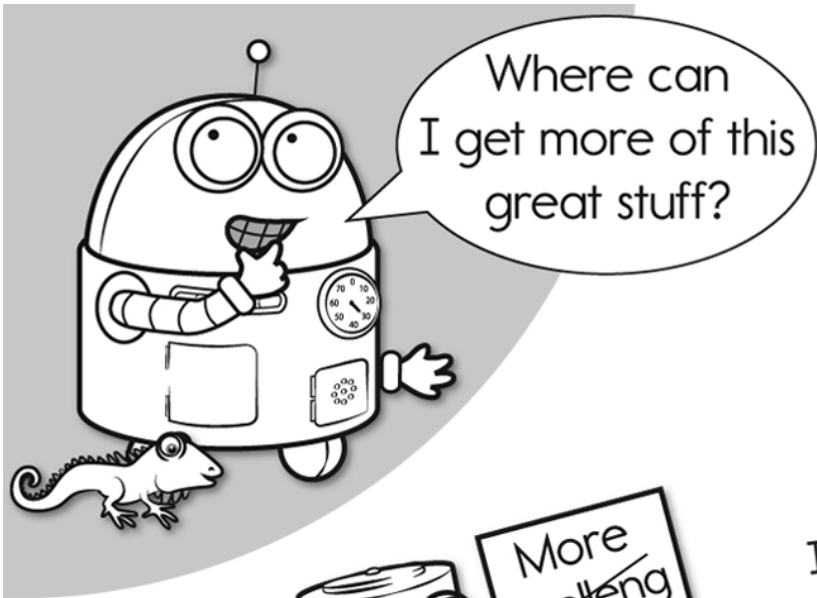
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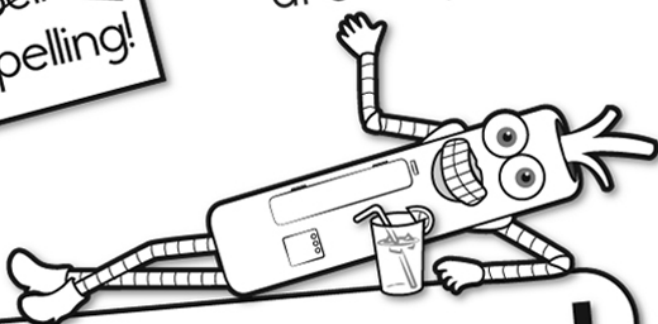


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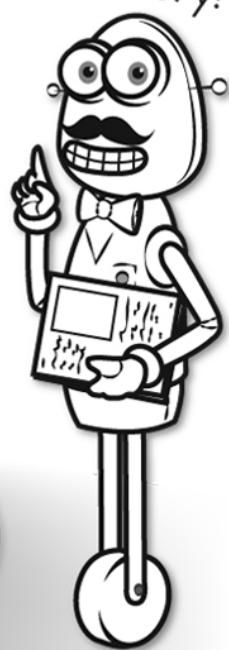


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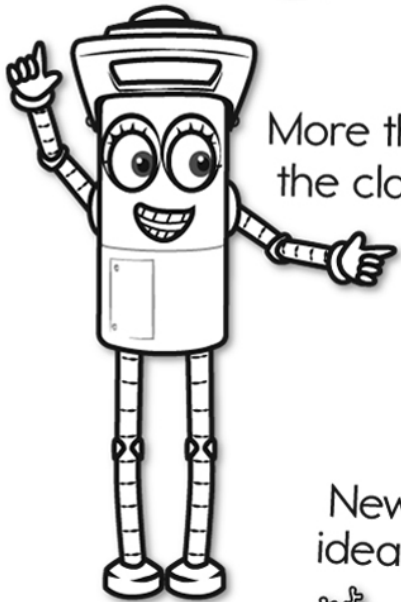
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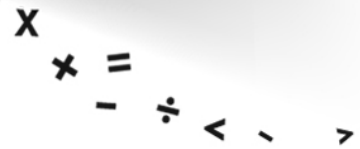
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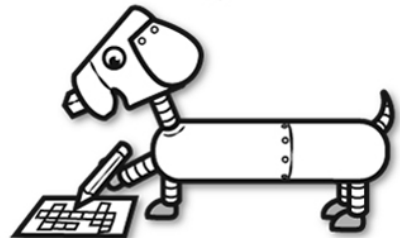
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