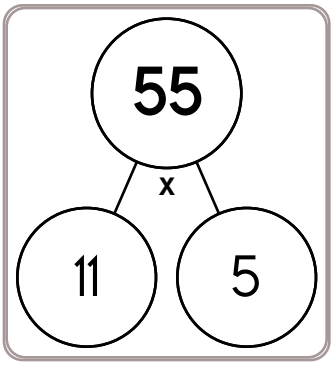
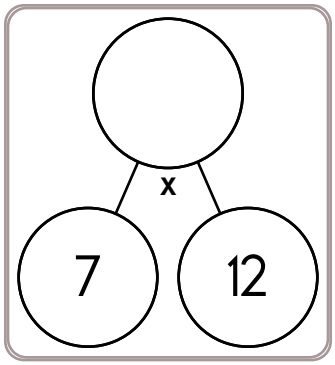
Name: _____

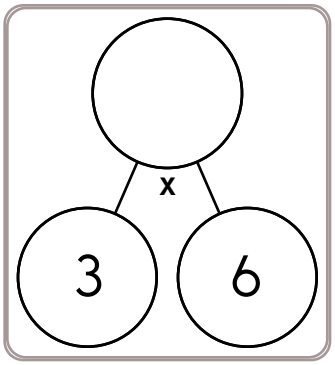
73 - 55	73 - 15	91 - 14	65 - 11	94 - 62	94 - 35
91 - 52	84 - 64	59 - 51	46 - 15	89 - 58	62 - 52

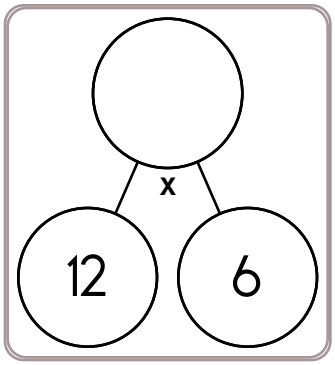
82 - ___ = 62	___ - 23 = 68	52 - ___ = 9
___ - 52 = 1	50 - ___ = 1	54 - ___ = 21
___ - 55 = 32	___ - 47 = 11	83 - ___ = 57
85 - ___ = 17	___ - 19 = 47	___ - 80 = 18

4 x 5 =	9 x 6 =	7 x 8 =
2 x 5 =	9 x 2 =	4 x 6 =
5 x 4 =	4 x 2 =	2 x 2 =
5 x 7 =	3 x 4 =	6 x 8 =









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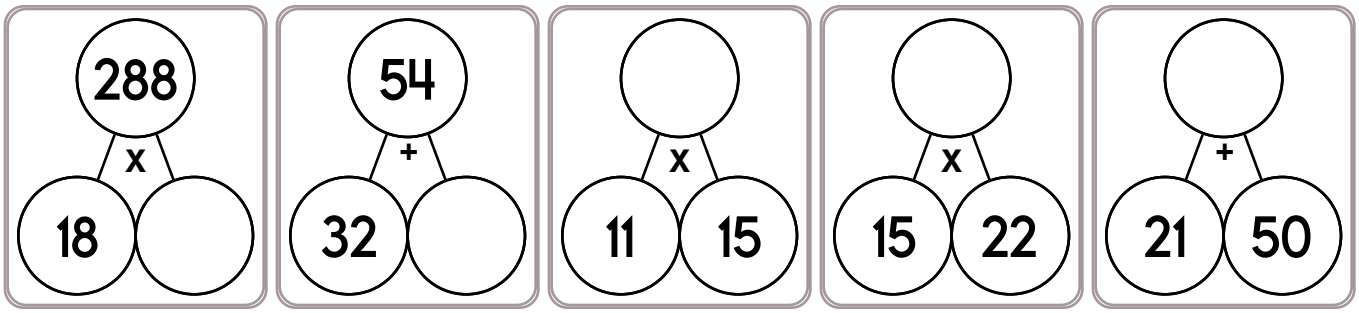
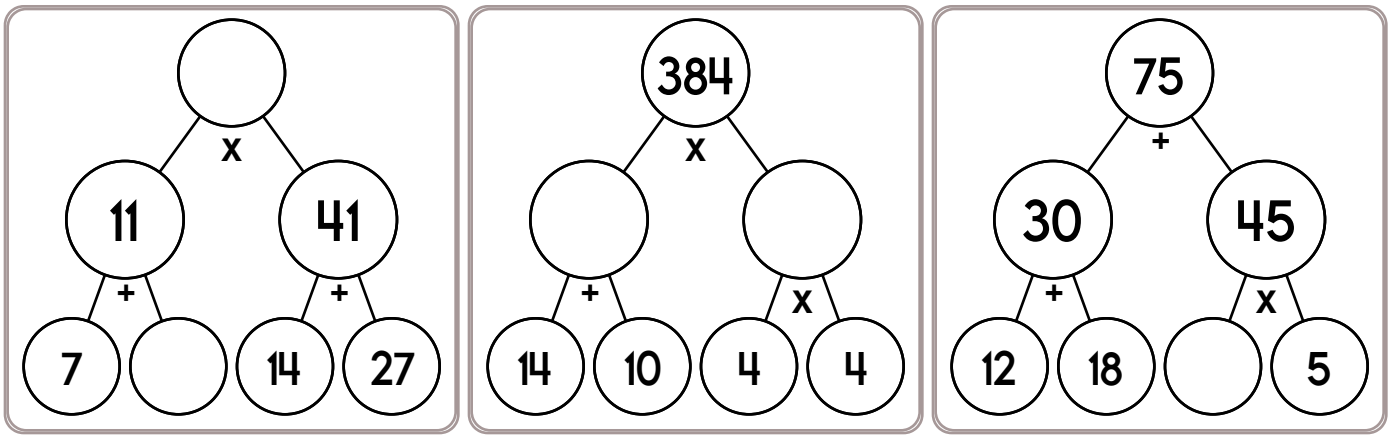
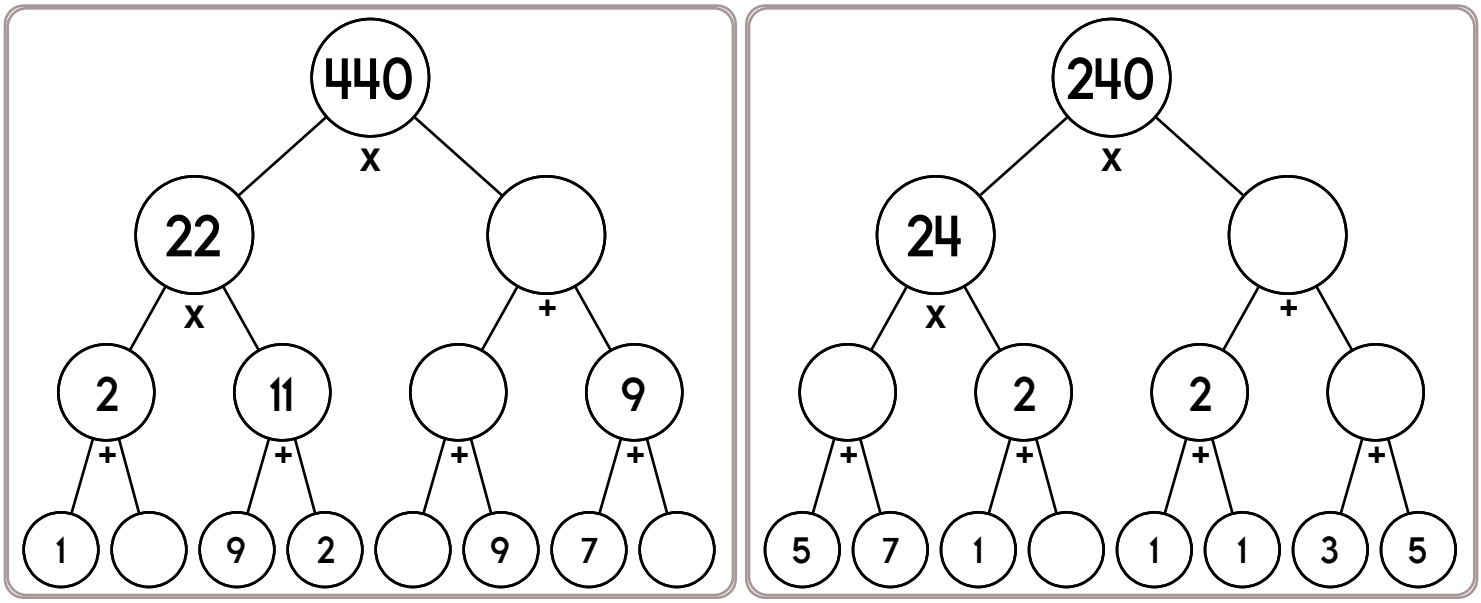






$\frac{21}{24} \div \frac{3}{6} =$

If 4x = 76, then x =

If b = 4 and t = -9 then what is $b^2 \cdot t^2$?

word root **ate** can mean **cause** **implicate, create**

Name: _____

Sarah is trying to figure out how many different remainders she can get when she divides by 5. She started dividing 71 by 5, then 72 by 5, and so on. Show her how many different remainders can be made.

What would happen if you divide larger numbers like 710 by 5? Can you get different remainders?

Amy is writing her own app. The idea is to let players make a unique robot. You keep making robots until you duplicate a design. The app gives a choice of 1 to 3 eyes. Then the color of the robot could be green, orange, red, or yellow. Finally, kids pick the height: medium, small, or large. When all is said and done, the robot will jump and move across the screen! She added one twist. You are not allowed to make the same robot that was previously made. She gave the app to her brother to test. How many times can her brother play the game until he is out of choices?

Each box in the grid has an area of 1 square inch. Draw two different triangles that have an area of 10 square inches.

Wendy rode her bike to Emma's house. Leaving her driveway, she turned left. She rode past the soccer field and then at the third traffic light after the soccer field she turned left. Emma's house was the seventh house on the right side of the road. It's getting late, and Wendy needs to go home, but she has brain freeze. Write directions on how she should ride her bike home from Emma's house.

Name: _____

Jessica and her best friend planned a Treasure Hunt for their party. Everyone would be on a team and each team had a list of "treasures" to find. The team who found all the treasure first would be the winner. It took the winning team 1 hour and 18 minutes to finish. It took the last team 3 hours and 9 minutes to find all their "treasure." How much longer did it take the last team than it took the first team?

The farmers built a water wheel in the river to send water to their fields. The diameter of the water wheel is five meters. The wheel turns completely around in four minutes. A waterbug hitched a ride on the wheel and stayed in the same place for 12 minutes. How far did the bug travel? Round your answer to the nearest hundredth of a meter.

Adam decided to run one mile every 4 days. Max decided to run two miles every 6 days. If they both start on Tuesday, March 18, when will they both run on the same day again?

The average American ate 11.7 pounds of chocolate in 1997. Write an equation and solve it to find out the number of pounds of chocolate eaten by a family of six during the same year.

Anne was getting married. She was very happy! The total cost for the wedding was $3,790. She spent $555.16 for her dress. One-fourth of the remaining money was spent on flowers. How much money was spent on flowers?

Name: _____

____ ÷ 82 = 8	____ ÷ 90 = 3
140 ÷ ____ = 5	92 ÷ ____ = 4
____ ÷ 46 = 8	243 ÷ ____ = 81
640 ÷ ____ = 8	____ ÷ 30 = 7

$3\overline{)18}$ $2\overline{)16}$ $3\overline{)24}$ $4\overline{)8}$

$4\overline{)16}$ $6\overline{)42}$ $2\overline{)4}$ $3\overline{)6}$

12 ÷ 2 =	42 ÷ 6 =
24 ÷ 2 =	6 ÷ 3 =
22 ÷ 2 =	44 ÷ 4 =
88 ÷ 8 =	35 ÷ 7 =

$7\overline{)14}$ $10\overline{)100}$ $7\overline{)70}$ $3\overline{)30}$

Name: _____

Professor Bloop has another one of his insane experiments in progress. He is designing a machine to remove the shells from hard-boiled eggs all in one piece. He makes a voltage measurement at terminal 23B on his machine and finds it is at -7.6 volts. "Amazing!" he exclaims. "That is exactly half the voltage I measured yesterday before I put in a larger flubister!" What voltage did he measure on terminal 23B yesterday before he changed the flubister?

Maria wants to buy 24 cases of Coca-Cola for the barbecue. Each case costs $10.45 plus 6.5% sales tax. What will the total cost of the drinks be?

Express $\frac{11}{18}$ as a repeating decimal.

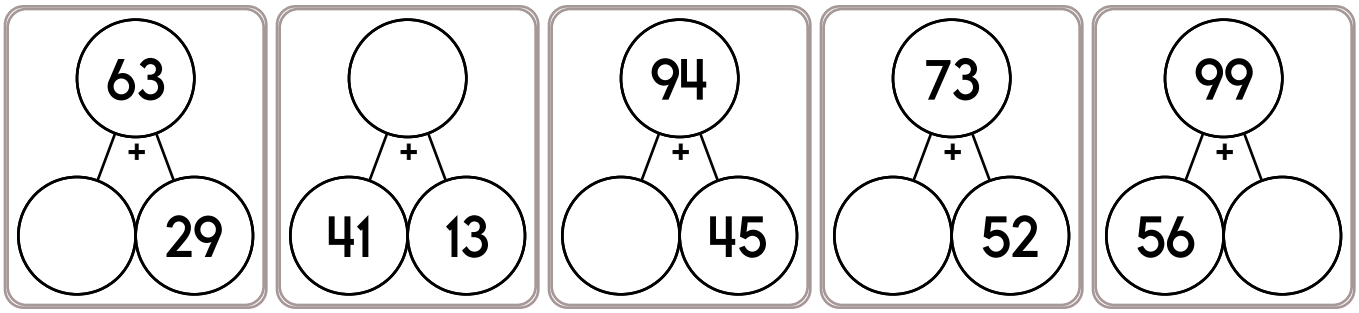
$$7 - 4\frac{6}{9} = \_\_\_\_$$

Change $\frac{30}{4}$ to a mixed number.

Write the decimal number for:

four ten-thousandths

Name: _____



$\frac{2}{3} \div 15 =$

$\frac{3}{5} \times \frac{7}{8} =$

$\frac{1}{12} \times \frac{6}{7} =$

$6 \times 6 \times 6 \times 6 \times 6 = Z^y$

What is the value of Z and y?

$t - 5 + t = 45$

What is the value of t?

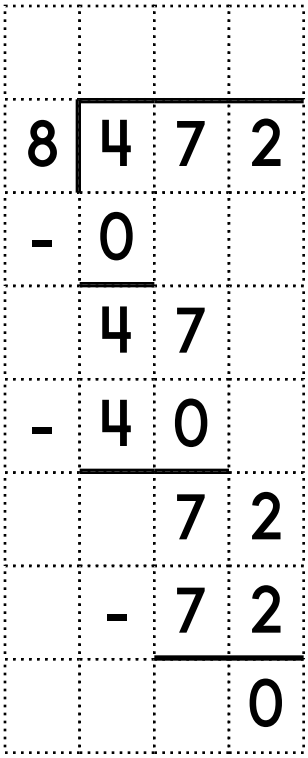
If $a = 6$ and $b = 5$,
then
$4a + b =$

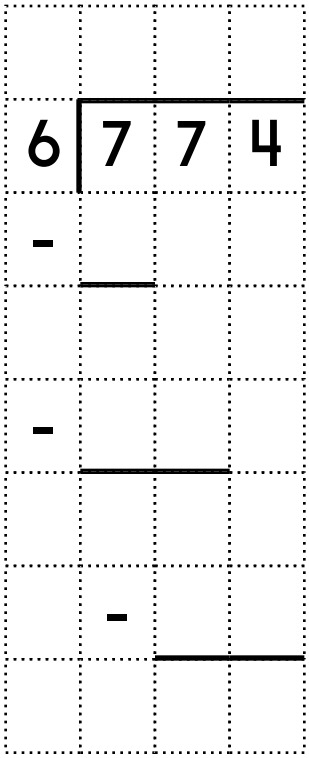
75, 5, _____, 16, 57, 27, 48, 38, 39, 49, 30, 60, 21, 71

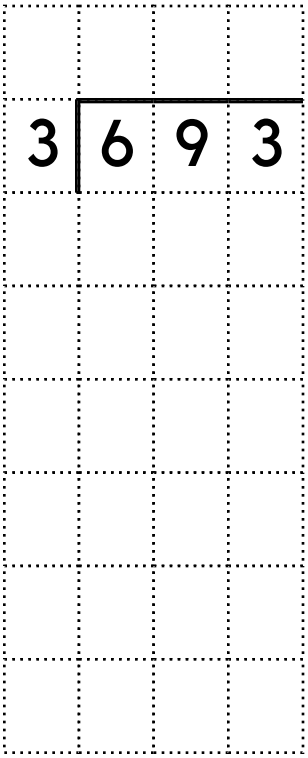
Convert $65\frac{11}{12}$ to an improper fraction.

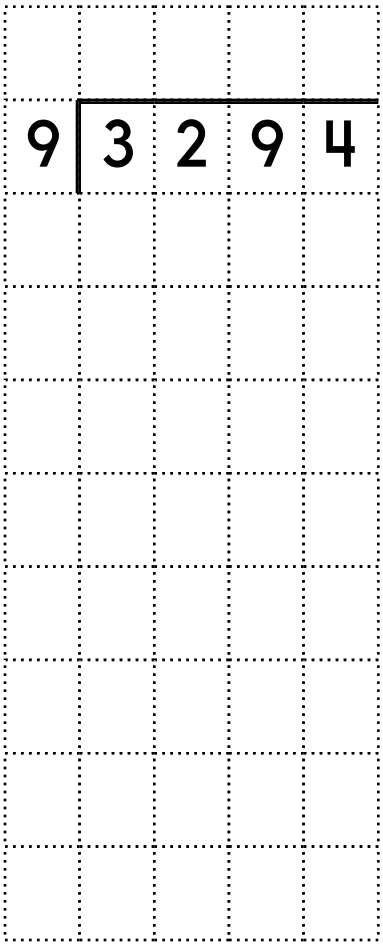
10.85, 15.19, 11.63, 37.67, 64.49, 113.79, _____, 394.23, 723.97, 1334.15, 2452.35, 4510.47, 8296.97, 15259.79

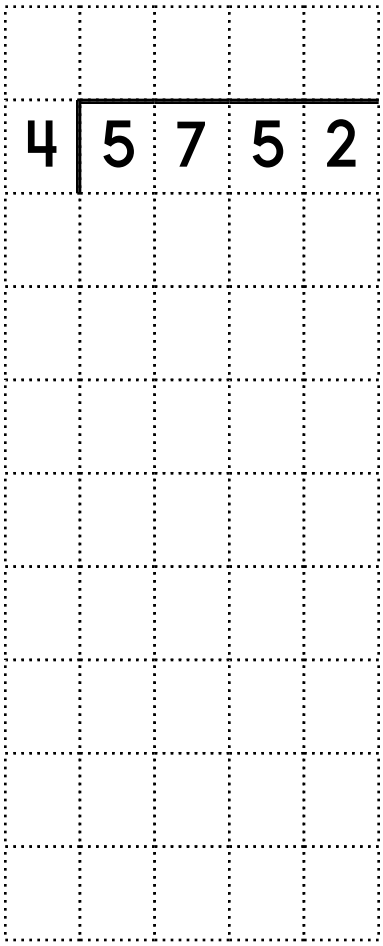
Name: _____

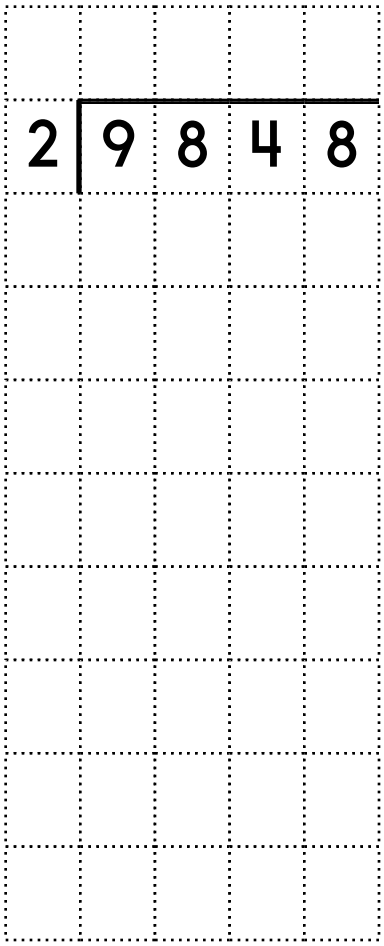












Name: _____

Erin rolls two dice. What is the chance of her rolling a 5 on one die and a 4 on the other die?

_____

22 km = _____ m

45 ÷ 5 = _____

Can 970 be evenly divided by 5? Circle:
970 is NOT evenly divisible by 5
970 is evenly divisible by 5

$$\begin{array}{r} 44 \\ -\ 15 \\ \hline \end{array}$$

27 ÷ 3 =

$$\begin{array}{r} 207 \\ +\ 440 \\ \hline \end{array}$$

Sarah is a family friend. She will be picking you up from school and driving you to the closest library. Where should she go? Write instructions to explain how she could get there and where you will be going.

1 cm = 10 mm

7 cm = _____ mm

7 x 4 = _____

Circle the addition property for 68 + 56 = 56 + 68.

associative property

commutative property

658 + 449 = _____

$$\begin{array}{r} 716 \\ -\ 522 \\ \hline \end{array}$$

How many ounces are in 7 pounds?

_____ ounces

What time is 15 hours after 1:00 p.m.?

_____

Name: _____

What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word	Sum
1 2 4 6 8 12 18 K I D N E Y S	33
1 2 4 6 B E	
1 2 4 6 10 14 S E	

Make a Word	Sum
1 2 4 6 8 12 18 F	
1 2 4 6 10 16 D I	
1 2 4 6 12 Q U	

Circle the digit in the hundredths place.

6,413.7656

You can buy 3 books for $6 at the store. At this rate, what would be the cost of fifteen books?

$$\begin{array}{r} 33 \\ +\ 22 \\ \hline \end{array}$$

8 x 5 =

You cannot decide what pizza store to go to. Jenna's pizza cuts their pizza into 4 slices. Each slice costs $2 each. Megan's pizza cuts their pizza into 7 slices. Each slice costs $5 each. If you like each pizza the same, which pizza store has the better buy?

Circle the smallest number:

80,073,451,862 487,391,620

46,925,371 3,920,874,165

3,676 - 1,939 = _____

12 x 10 =

84 ÷ 12 = _____

April is younger than Wendy. Wendy is older than Rose. Who's the oldest?

(7 + 8) + 2 =

35,315 + 19,291 = _____

Name: _____

52,245 + 36,254 = _____

The letters A and M each have a line of symmetry. Name another letter between A and M that has a line of symmetry.

_____

48 ÷ 8 = _____

28 ÷ 7 = _____

48 ÷ 4 = _____

Can 723 be evenly divided by 10? Circle:
723 is evenly divisible by 10
723 is NOT evenly divisible by 10

108 ÷ 9 = _____

Write an equation to represent this:

The sum of nine and twelve is twenty-one.

_____

88 ÷ 11 =

Jenna is giving out candy, but you need to guess her favorite number if you want some. Her favorite number has three digits.
The hundreds digit is 1 more than the units digit.
The three digits add up to ten.
The tens digit is 3 more than the units digit.
One digit in her number is five.

Are you going to get candy?

30 ÷ 3 = _____

4 x 11 =

Write this as a number in standard form. Use a comma in your number.

six hundred twenty-one thousand, six hundred eighty-five

_____

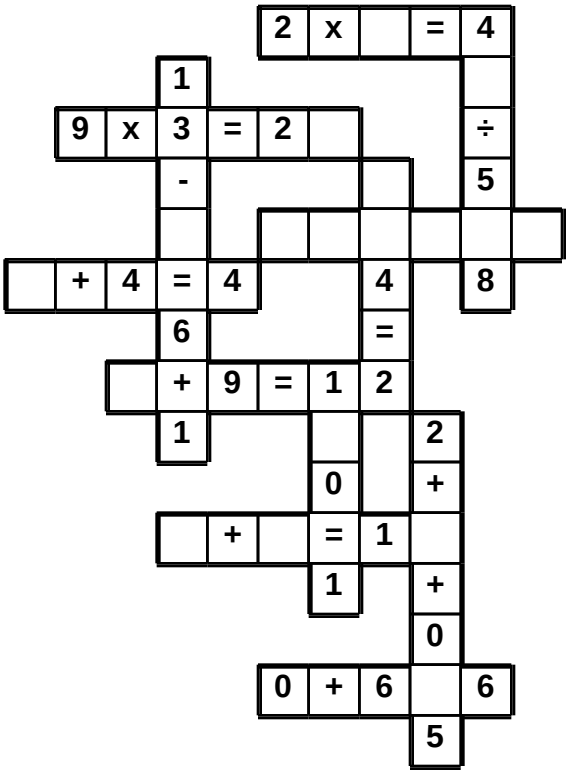
867 + 296 = _____

36 ÷ 3 =

Name: _____

2 • 0 • 7 • 8 • 6 • 4 • 2 • ÷ • 6 • = • 7 • 0 • 3 • + • 6 • 7 • 3 =

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



10 ÷ 2 = _____

60 ÷ 12 = _____

5 x 10 = _____

Write the missing family fact.

26 x 10 = 260
260 ÷ 10 = 26
10 x 26 = 260

_____

12 x 8 = _____

Write 185,390 in words.

_____

42 ÷ 7 = _____

Name: _____

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

A

	63	80	15
-	7	41	89
	52	25	65

Find a subtraction fact.

B

	24	53	12
-	65	18	49
	14	76	72

Find a subtraction fact.

C

	34	90	66
-	65	15	69
	87	99	77

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	80	-		=	
B		-		=	
C		-		=	

Amy rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being seven?

10 ÷ 2 = _____

Circle the greatest number:
13,275
8,694,030
28,142,530
145,697

9,929 - 9,741 = _____

For 6,361,282,070, write the digit that is in the ten thousands place.

_____

Name: _____

While Yuko was in Japan, she bought a doll that cost 2,116 yen. How much did the doll cost in U.S. dollars? The exchange rate was 106.37 yen per dollar.

Mr. Brown is building a stage for the public speaking contest. The stage is $19\frac{3}{4}$ feet wide and $15\frac{1}{4}$ feet long. What is the area of the stage?

Holly makes a basket for every four attempts that she makes. Jessica needs five attempts to make a basket. Each basket is worth 2 points. If they each make 60 attempts, then what is the score?

In the number 82,735,378, the digit 5 is in what place?

_____

132 ÷ 11 = _____

15 ÷ 3 = _____

48 ÷ 12 = _____

8 x 7 = _____

20 ÷ 10 = _____

22 ÷ 11 = _____

Name: _____

Can you guess the word?

No duplicate letters can be used.

P	A	L	T	R	Y

The letter P is in the word and is in the correct spot.

A	W	H	I	L	E

The letter W is in the word, but W is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

S	H	I	V	E	R
L	A	V	I	S	H

B C D F G J K M N O P Q T U W X Y Z

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

R N I S I X I Y S H U C S S D N R V C
A A S I H V I E I L S V V S H V L A G
W Q D I S T N H I R Y T Y S V U N N S
I E I S N E S H I V E R L S V C S I R
A L N B H H L C H S N V F I H T V S E
I S D H V S H S S H I S S E V A I H R
I V R R Q I S N E N N J O V A H R L L
Y M I S S L A V I S H R V S H S A L V

Hint: There are no duplicate letters in the answer.

D	E	P	L	O	Y
L	O	C	A	T	E

B F G H I J K M N Q R S U V W X Z

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

E Z P O E E K T E A C O E D A O
E Q K D D L K K L L K K C A L C
T A G R P E L P C O L A E L L C
T C E E D L P N E D C O E O L D
Y W K E E C O L P K C K C E T L
A E O O D U F L O Q Y O E A K W
E E C N G A Z S T Y J L T T T K
B X Q K O E T E O P O K E P L E

Hint: There are no duplicate letters in the answer.

Z	E	P	H	Y	R
S	P	R	I	N	G

A B C D F J K L M O Q T U V W X

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

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

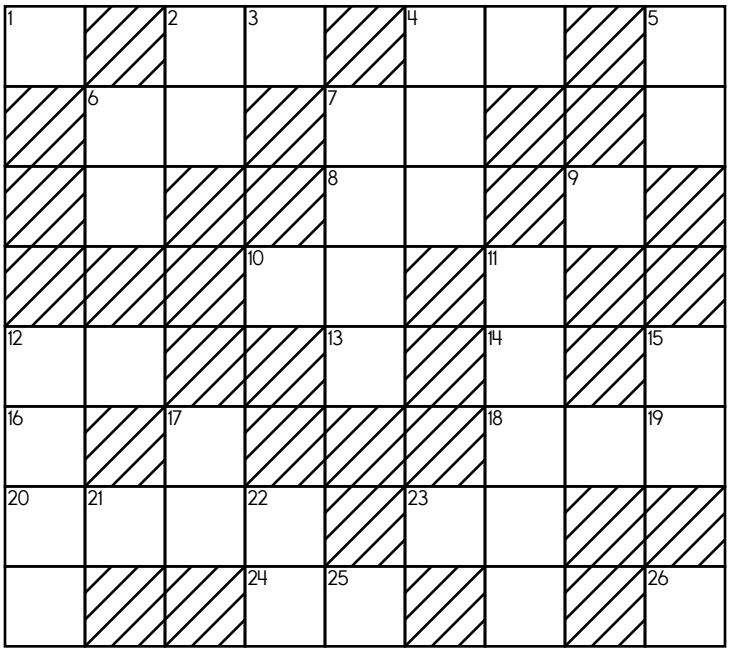
Name: _____

ACROSS

2. **22**
4. Five more than 14-Across
7. 3 + 11
8. What is the lowest common multiple of 21-Down and 7-Across?
10. Six times 13-Across
12. Three more than 8-Across
13. How many factors does 15 have?
14. Sum of digits of 6-Down
16. What is the greatest common factor of 36 and 57?
18. the ones in 15-Down + the tens in 8-Across + the hundreds in 11-Down
19. Sum of digits of 7-Across
23. Eight more than 6-Down
24. 18
26. What is the greatest common factor of 40 and 56?

DOWN

1. First prime number after 21-Down
2. The factors of 42 are 1, 2, 3, 6, 7, 14, __, 42.
3. What is the greatest common factor of 12 and 46?
5. Six less than 12-Across
6. 3 + 15
7. Its digits total 13
9. Five less than 20-Down
10. One-seventh of 7-Across
11. ninety-nine thousand, nine hundred sixty
13. How many factors does 8 have?
15. Seven times 19-Across
17. 9 + 13
20. Four more than 1-Down
21. How many factors does 52 have?
22. 11
25. Four times 3-Down



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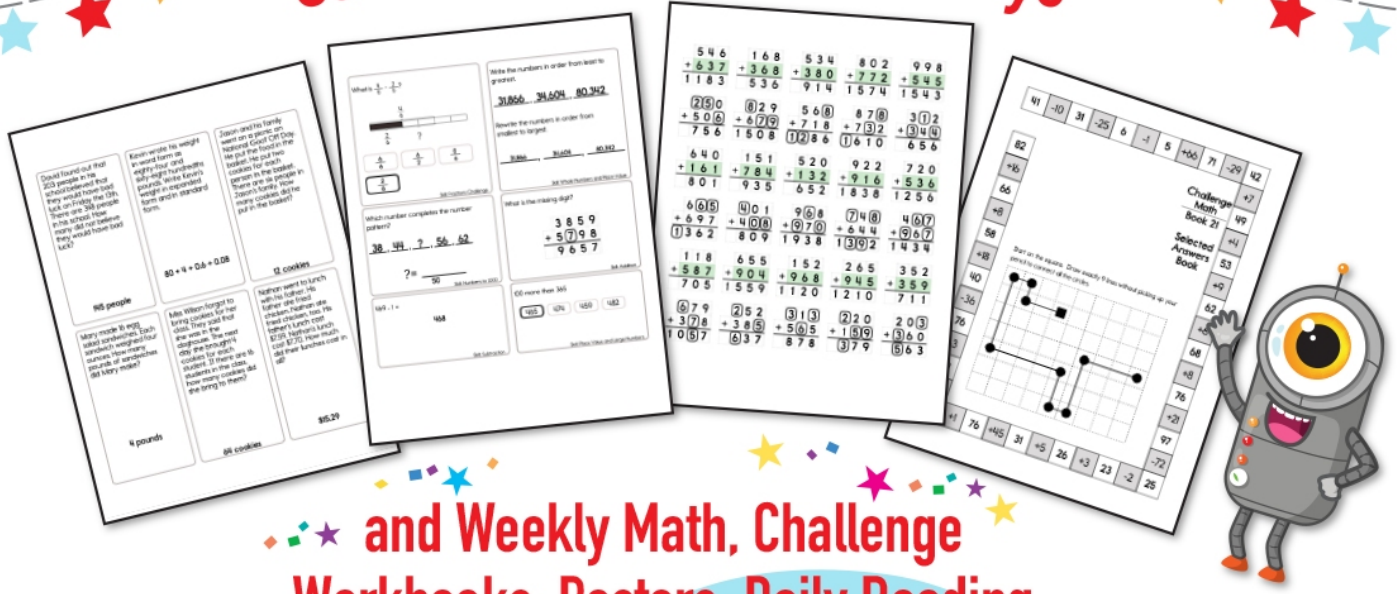

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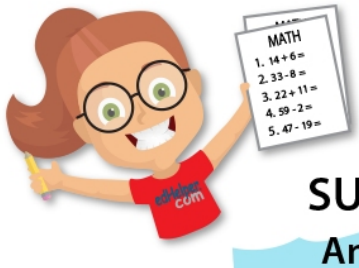

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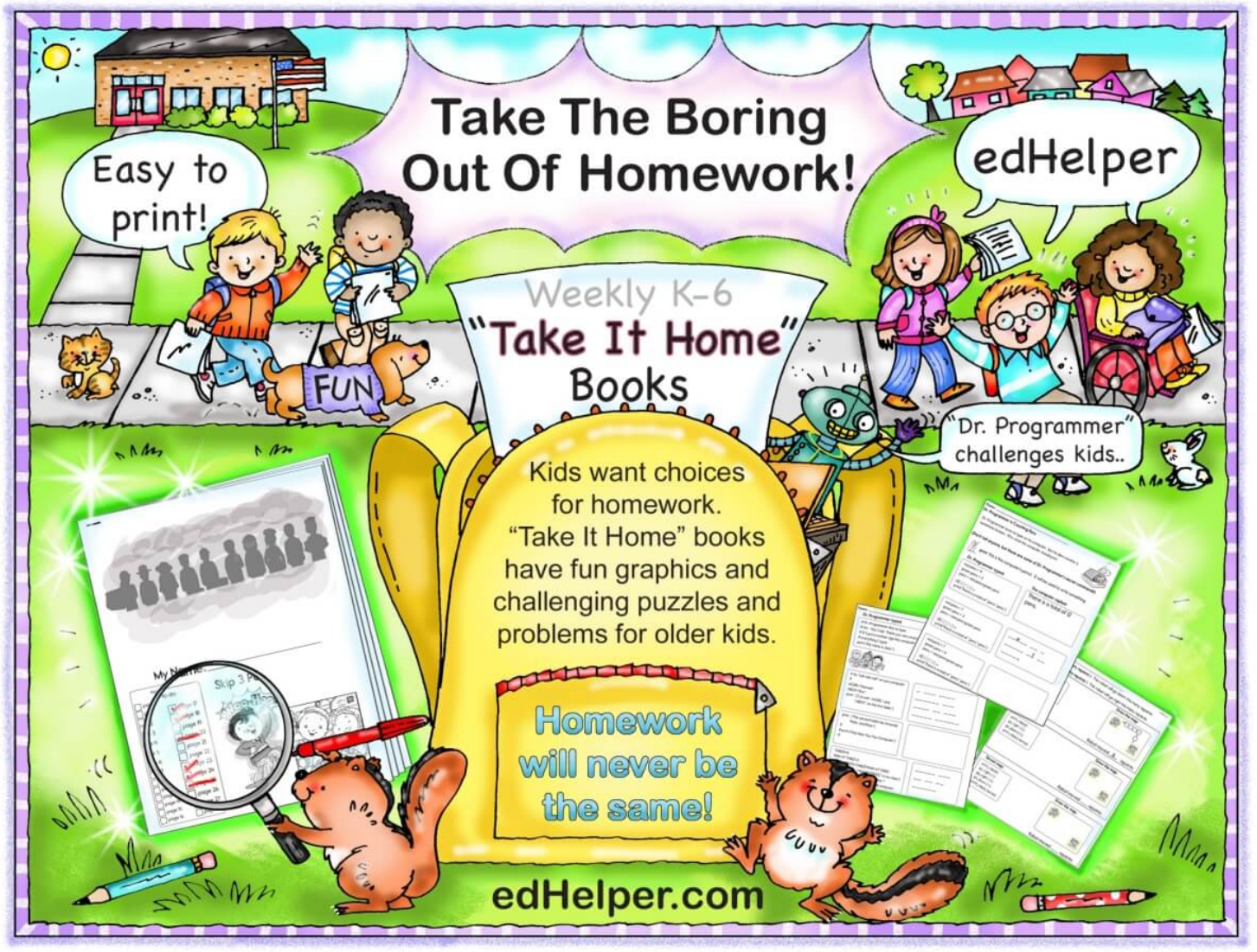
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