Name: _____

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

A

	58	19	52
-	40	**85**	29
	8	97	34
	93	91	38

Find a subtraction fact.

B

	34	82	90
-	51	88	**44**
	59	15	41
	27	62	45

Find a subtraction fact.

C

	37	42	**94**
-	68	97	75
	47	39	59
	66	83	35

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	93	-	85	=	8
B		-	44	=	
C	94	-		=	

---

110 ÷ 11 =

Rewrite these in increasing order of length:

9 cm, 775 km, 31 dm

$$\begin{array}{r} 25 \\ +\ 34 \\ \hline \end{array}$$

99 ÷ 11 = _____

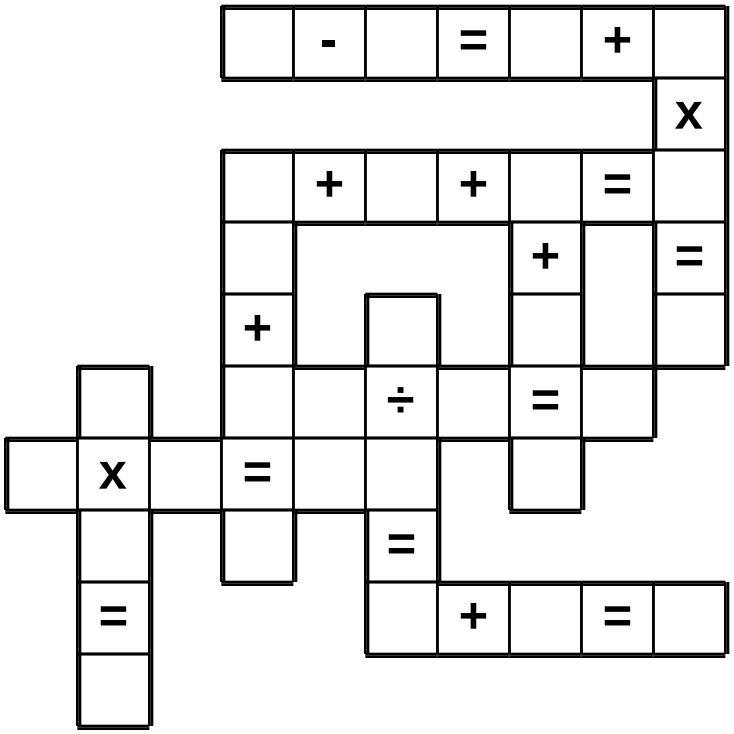
833 + 582 = _____

$$\begin{array}{r} 403 \\ -\ 149 \\ \hline \end{array}$$

Name: _____

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

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



$\frac{5}{6} \times \frac{3}{11}$

Use >, <, or = to complete.

51% ___ $\frac{2}{9}$

$\frac{1}{3}$ ___ 27%

85% ___ $\frac{1}{5}$

Rewrite $\frac{81}{100}$ as a decimal.

$(9 + 13) + 6 = 2(v + 11)$

What is the value of v?

$(0.3)(0.15)$

$443 \div 10$

6 x 3 = _____

Name: _____

Subtract 48 from 117.

$$\begin{array}{r} 508 \\ -\ 346 \\ \hline \end{array}$$

993 is how much more than 4461?

$16 - \frac{6}{7} =$

Write the reciprocal.
13

Write the reciprocal.

$\frac{1}{3}$

Find 8% of 160.

Find 49% of 346.

Change 8% to a decimal.

Change to percents.

$\frac{70}{100} =$
$\frac{4}{10} =$
$\frac{8}{10} =$
$\frac{23}{100} =$
$\frac{84}{100} =$
$\frac{10}{100} =$

Change to percents.

.63 =
.9 =
.56 =
.87 =
.22 =
.06 =
.37 =
.46 =
.73 =

Change 12% to a decimal and a fraction expressed in its lowest terms.

Name: _____

Mrs. Walker purchased pizzas for the children who took part in the Marks School Science Fair. Each pizza cost $7.18. Twenty-two students each ate $\frac{3}{4}$ of a pizza, and 11 students each ate $\frac{1}{2}$ of a pizza. How much did it cost to buy pizzas for the students?

Vera Sergeevna was 23 years old on the Day of Consent and Reconciliation in 1971. Her brother, Alexander, was 5 years less than twice her age. How old will Alexander be on the Day of Consent and Reconciliation in 2022?

Jack wanted to grow some peanuts of his own. His garden was 12 feet wide and 13 feet long. If he can put 3 peanut plants on one square foot, how many peanut plants can he grow if he uses his whole garden for peanuts?

Can 921 be evenly divided by 9? Circle:
921 is NOT evenly divisible by 9
921 is evenly divisible by 9

Gavin has four nickels and one dime. He also has one other coin that is different from the rest of his coins. How much could he have?

Can 820 be evenly divided by 5? Circle:
820 is evenly divisible by 5
820 is NOT evenly divisible by 5

$$\begin{array}{r} 433 \\ +\ 435 \\ \hline \end{array}$$

24 kg = _____ g

4 x 10 =

Name: _____

Write the missing family fact.

243 ÷ 27 = 9
9 x 27 = 243
243 ÷ 9 = 27

_____

108 ÷ 9 = _____

50 ÷ 10 = _____

The product of two consecutive whole numbers is 156. What are the two consecutive whole numbers?

$$\begin{array}{r} 27 \\ -\ 15 \\ \hline \end{array}$$

72 ÷ 8 = _____

63 ÷ 9 =

Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 2, 8, and 9. Make three different decimal numbers. Put your theee decimal numbers in order from largest to smallest.

1 cm = 10 mm

8 cm = _____ mm

7 x 12 =

5 x 3 = _____

How many centimeters are in 60 millimeters?

_____ centimeters

Circle the smallest number:

842,730
2,593
59,617
4,509,162,873

12 x 8 = _____

36 ÷ 6 = _____

18 ÷ 2 = _____

Name: _____

Write 227,205 in words.

_____

54 ÷ 6 = _____

The number 4774 is a palindrome. Any number which reads the same in both directions is a palindrome number.

Emily is thinking of a palindrome number.
The sum of the first three digits in the number is 6.
The number is less than 3,000.
The number has 4 digits.
The number is greater than 2,000.
The digits, 22, are a part of the number in this exact order.
What is her number?

Can 346 be evenly divided by 3? Circle:
346 is evenly divisible by 3
346 is NOT evenly divisible by 3

726 - 548 = _____

Here is a pattern of letters:

X X X D X X X D X X X D X X X . . .

What letter will be the 35th term in the pattern?

Circle the addition property for 37 + 60 = 60 + 37.
commutative property
associative property

36 ÷ 3 = _____

7 x 9 = _____

In the number 73,533,894, the digit 5 is in what place?

_____

44 ÷ 4 = _____

4 x 2 = _____

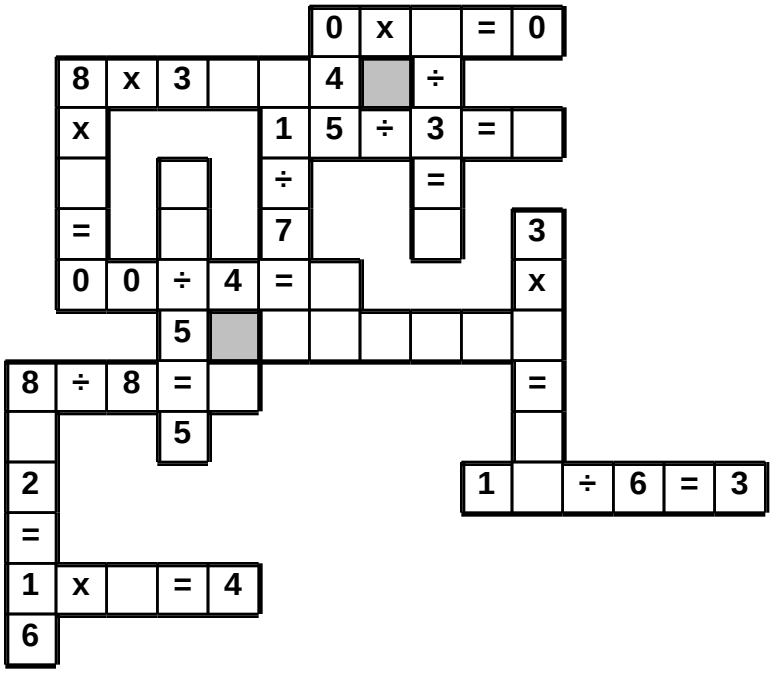
22,589 + 81,194 = _____

Circle the greatest number:
84,952 324,109,656
67,189,543,206 103,778

Name: _____

6 • = • 2 • 5 • 0 • 2 • 5 • 2 • 0 • 3 • 6 • ÷ • 6 • = • 6 • 1
x • 1 • 8 • 4

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



52,461 - 48,547 = _____

(4 + 6) + 7 =

Can 418 be evenly divided by 11? Circle:
418 is NOT evenly divisible by 11
418 is evenly divisible by 11

What time is 13 hours after 5:00 a.m.?

_____

3,255 - 3,161 = _____

Name: _____

Lauren, Taylor, Sydney, and Thomas watched television on Monday and Tuesday. On Monday they started watching at 8:00 p.m. and on Tuesday they started watching at 7:00 p.m. Their mother kept track of the time they each stopped watching.
On Monday the times they stopped watching TV were 9:25 p.m., 11:05 p.m., 9:50 p.m., and 10:15 p.m.
On Tuesday the times they stopped watching TV were 10:00 p.m., 9:50 p.m., 9:10 p.m., and 9:00 p.m.

1. Thomas watched less TV on Tuesday. Thomas only spent 34/37 as much time watching TV on Tuesday as he did on Monday.
2. Lauren watched TV for two and one-fourth hours on Monday.
3. The person that watched one and five-twelfths hours of TV on Monday was not the one who watched two hours of TV on Tuesday.
4. Taylor watched TV for one-third of an hour longer on Tuesday than on Monday.

Lauren stopped watching TV at _____ on Monday and _____ on Tuesday.

Taylor stopped watching TV at _____ on Monday and _____ on Tuesday.

Sydney stopped watching TV at _____ on Monday and _____ on Tuesday.

Thomas stopped watching TV at _____ on Monday and _____ on Tuesday.

Circle the digit in the hundredths place.

74.2281

2 x 9 = _____

Jenna makes a basket for every four attempts that she makes. Emily needs three attempts to make a basket. Each basket is worth 2 points. If they each make 48 attempts, then what is the score?

9 x 12 =

5 x 5 = _____

120 ÷ 12 =

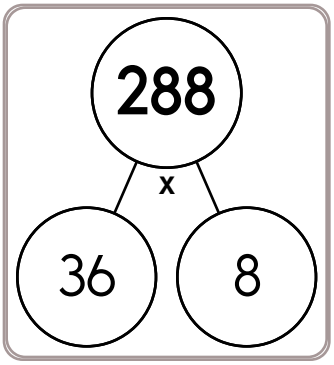
Name: _____

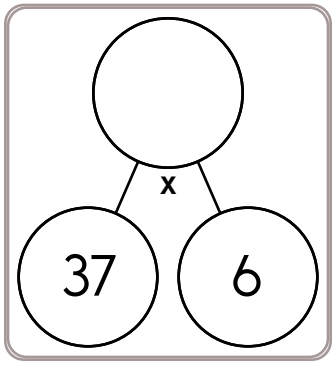
MAD MINUTES

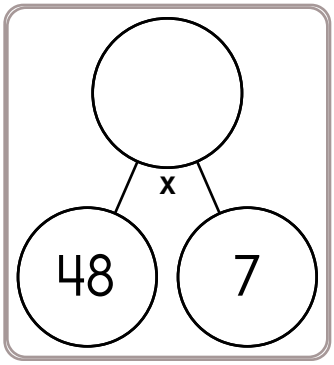
3 x ___ = 33	___ x 2 = 12	8 x ___ = 16
___ x 4 = 24	___ x 8 = 32	6 x ___ = 18
___ x 11 = 110	9 x ___ = 90	5 x ___ = 30
___ x 6 = 54	6 x ___ = 48	___ x 5 = 30

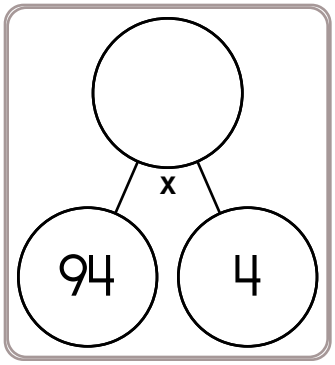
MAD MINUTES

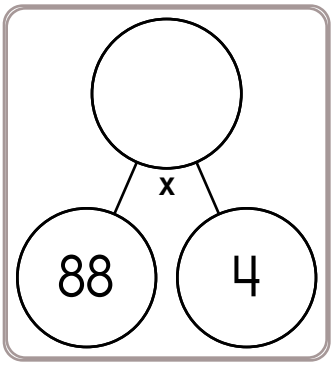
76 x 3 =	60 x 2 =	15 x 7 =
15 x 5 =	43 x 4 =	35 x 9 =
79 x 2 =	47 x 9 =	20 x 7 =
68 x 4 =	58 x 7 =	21 x 4 =

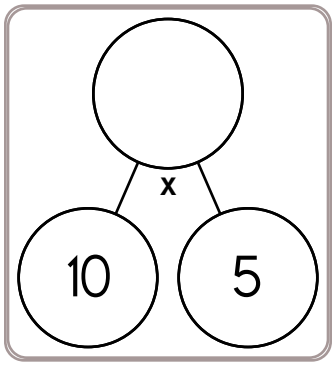


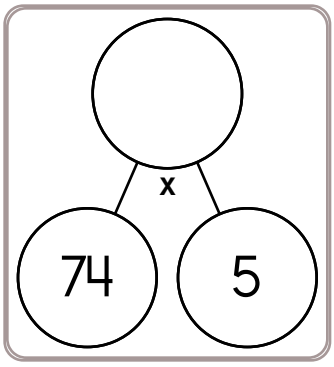


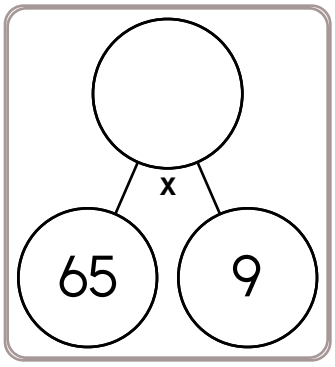




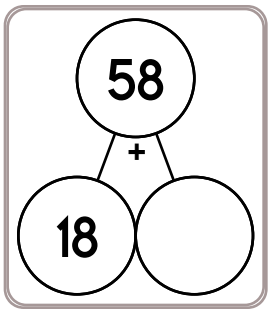


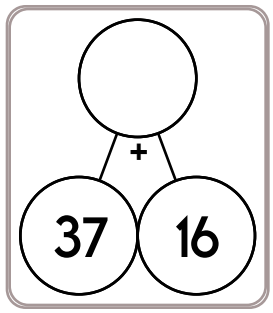


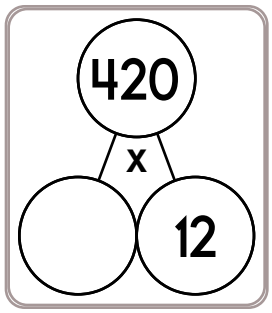


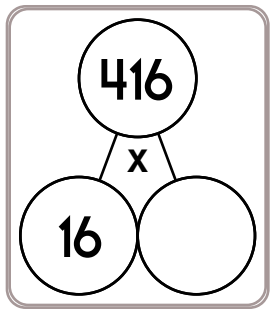


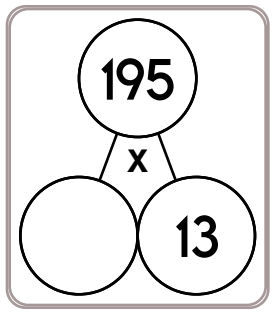
Name: _____

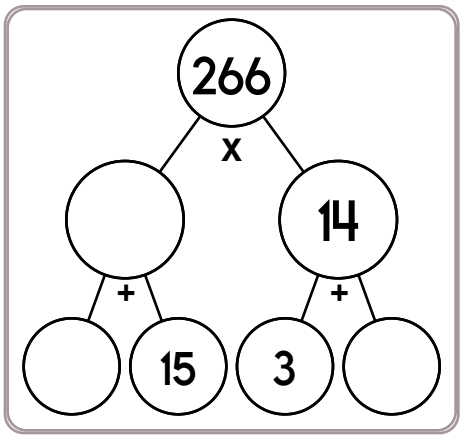


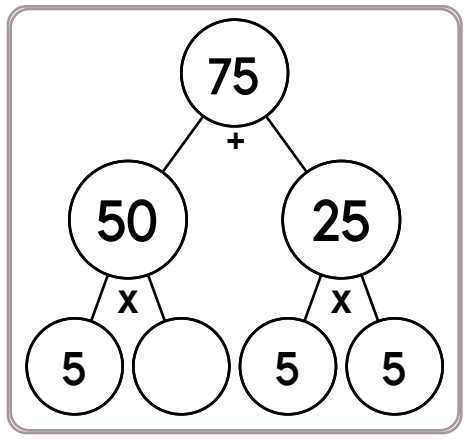


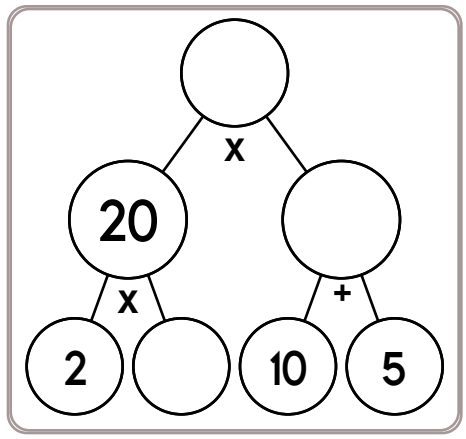


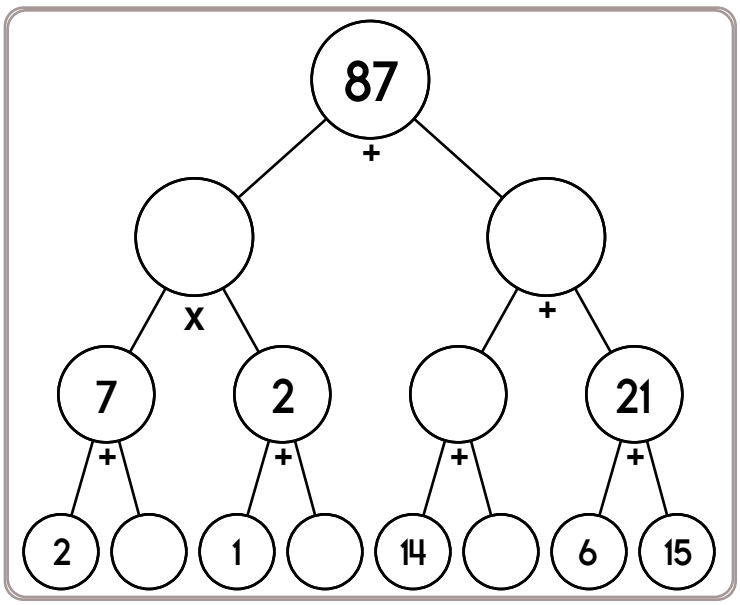


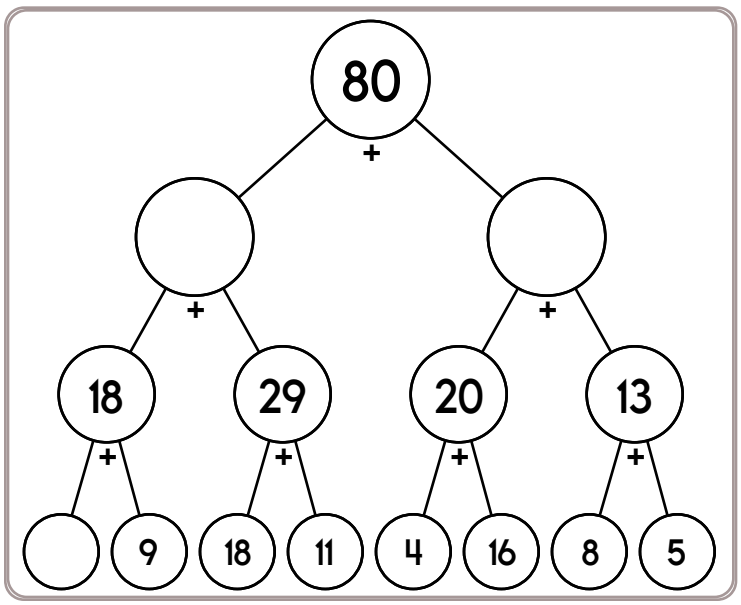












13y = 26

8n = 56

17n = 102

Name: _____

$3 - \frac{2}{9} - \frac{1}{2} =$

$3 + \frac{8}{11} - \frac{5}{9} =$

$6 - \frac{3}{4} + \frac{5}{7} =$

Write the reciprocal.

$\frac{12}{7}$

Write the reciprocal.

$\frac{1}{8}$

Write the reciprocal.

17

Write the reciprocal.

$\frac{4}{15}$

Write the reciprocal.

$\frac{6}{2}$

Write the reciprocal.

$\frac{1}{8}$

Write the reciprocal.

$\frac{3}{2}$

Write the reciprocal.

$\frac{16}{19}$

Write the reciprocal.

$\frac{13}{11}$

Write the reciprocal.

13

Write the reciprocal.

19

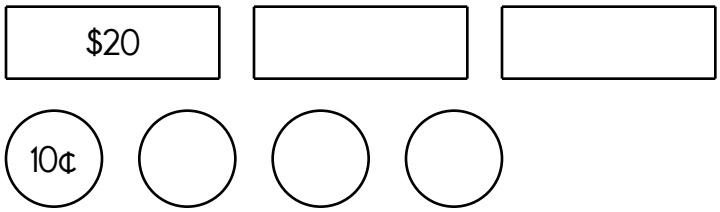
Write the reciprocal.

$\frac{2}{16}$

Name: _____

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

Make $31.22 using bills and coins.



Show a different way to make $31.22 using a different number of bills or coins.

Make $32.45 using bills and coins.

Show a different way to make $32.45 using a different number of bills or coins.

For 2,348,572,004,369,566, write the digit that is in the ten thousands place.

_____

42 ÷ 7 = _____

word root **pro** can mean **forward or before** **proceed, proclamation, progress**

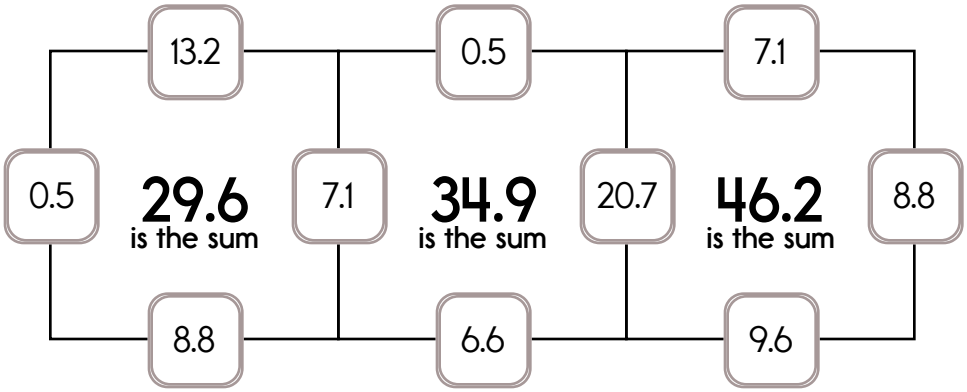
Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

Example:
0.5 + 7.1 + 13.2 + 8.8 = 29.6

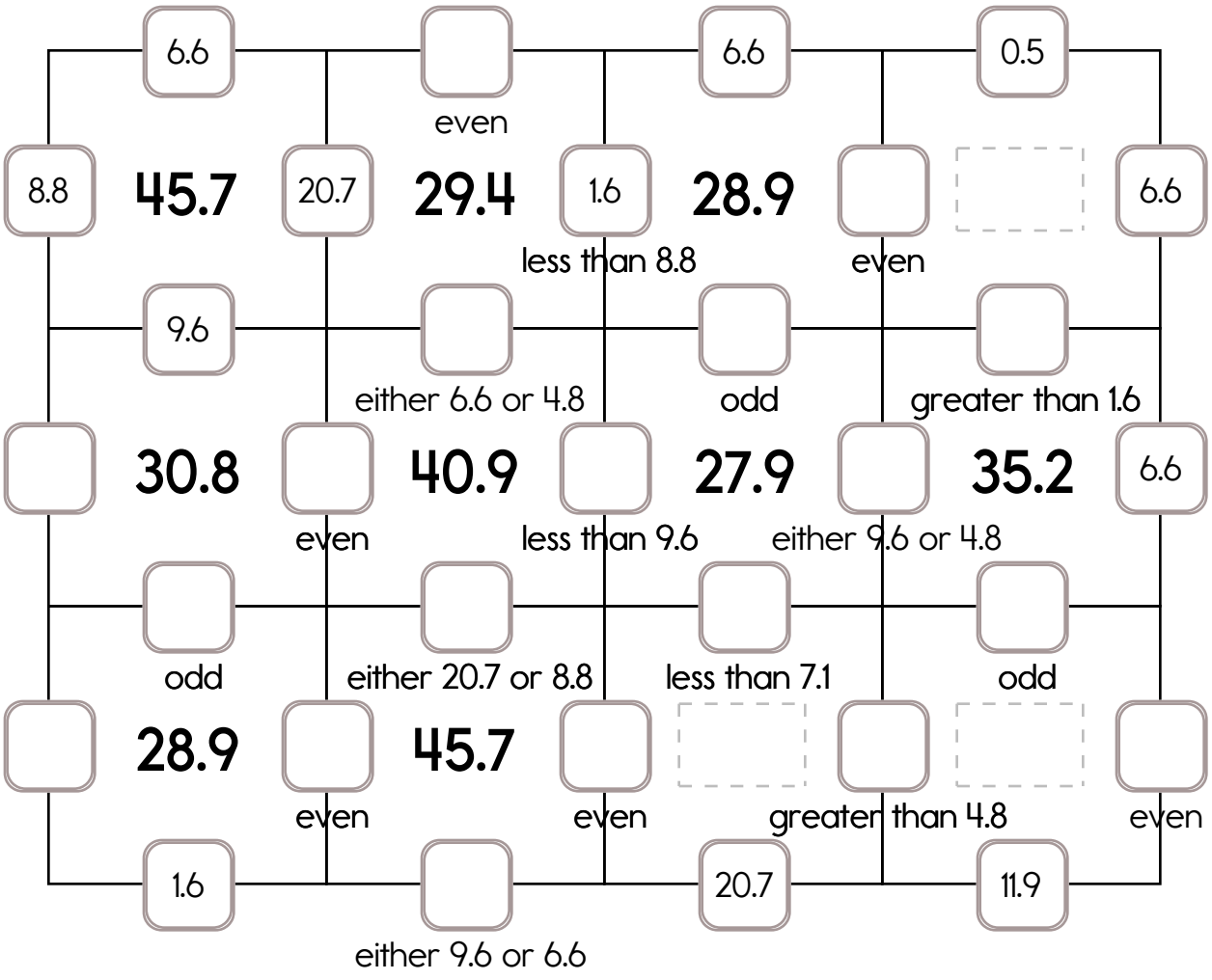
Example:
20.7 + 8.8 + 7.1 + 9.6 = 46.2

Sample:



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

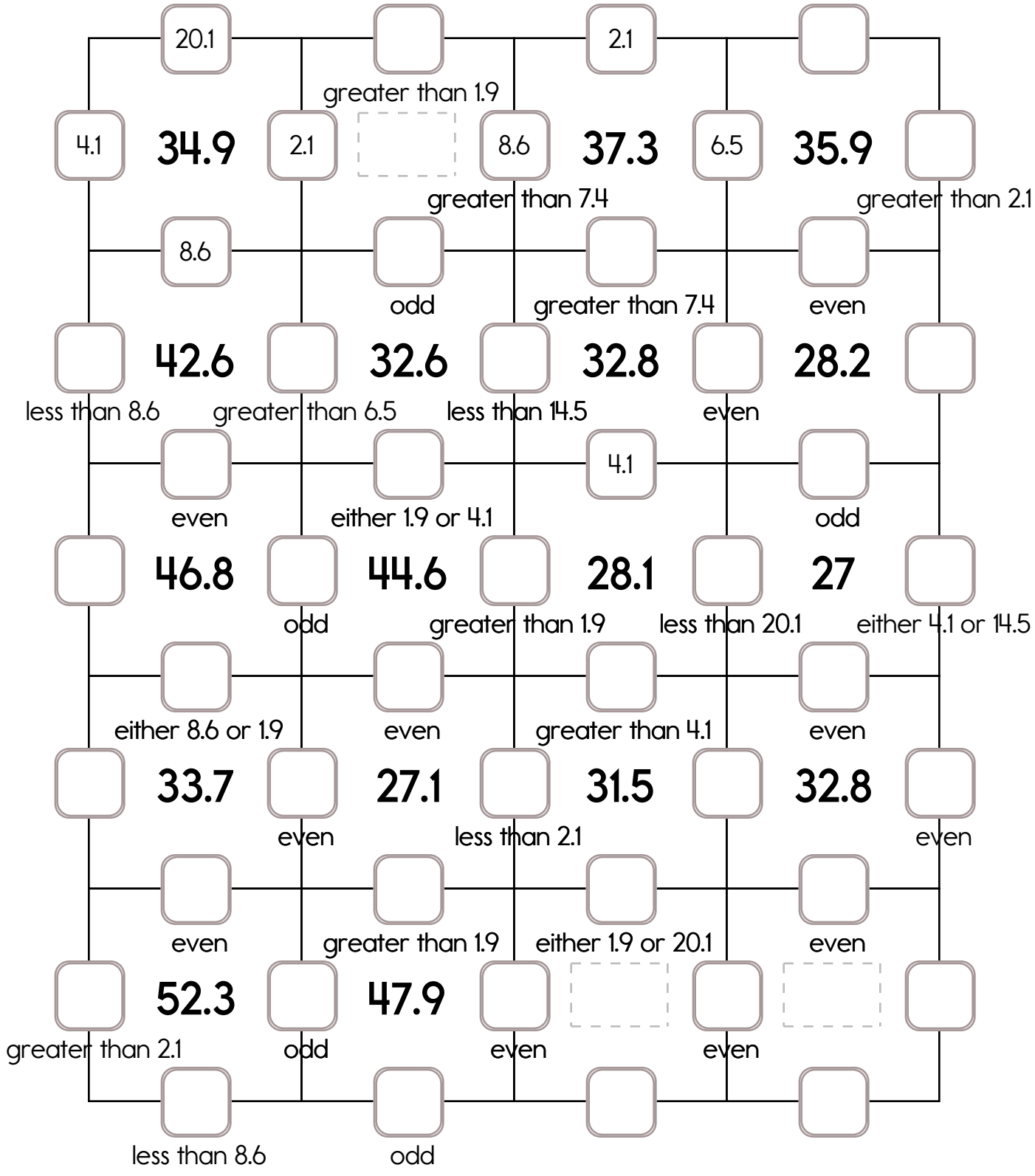
Exactly one of the four numbers has to be one of these numbers: 13.2, 20.7, or 11.9. The other three numbers have to all be DIFFERENT and must be from these: 6.6, 9.6, 1.6, 8.8, 4.8, 7.1, or 0.5.



Name: _____

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: 14.5, 29.8, or 20.1. The other three numbers have to all be DIFFERENT and must be from these: 1.9, 7.4, 4.1, 6.5, 8.6, or 2.1.



Name: _____

abundant • prisms • career • cable • ancestry • medley

Each row, column, and box must have all the words from the word list. Write in the missing words.

career	ancestry				medley
	cable			medley	
			prisms	cable	abundant
abundant					
medley	career				ancestry

22 ÷ 11 = _____

Which is the better buy? Nine bags of candy for $63 or three bags of candy for $27?

Anne rolls a die. What is the chance of her rolling a 1?

_____

Write an equation to represent this:

The sum of ten and twelve is twenty-two.

_____

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

one hundred fifty-one thousand eight hundred twenty-eight

_____

12 x 5 = _____

18 ÷ 6 = _____

6,999 + 6,892 = _____

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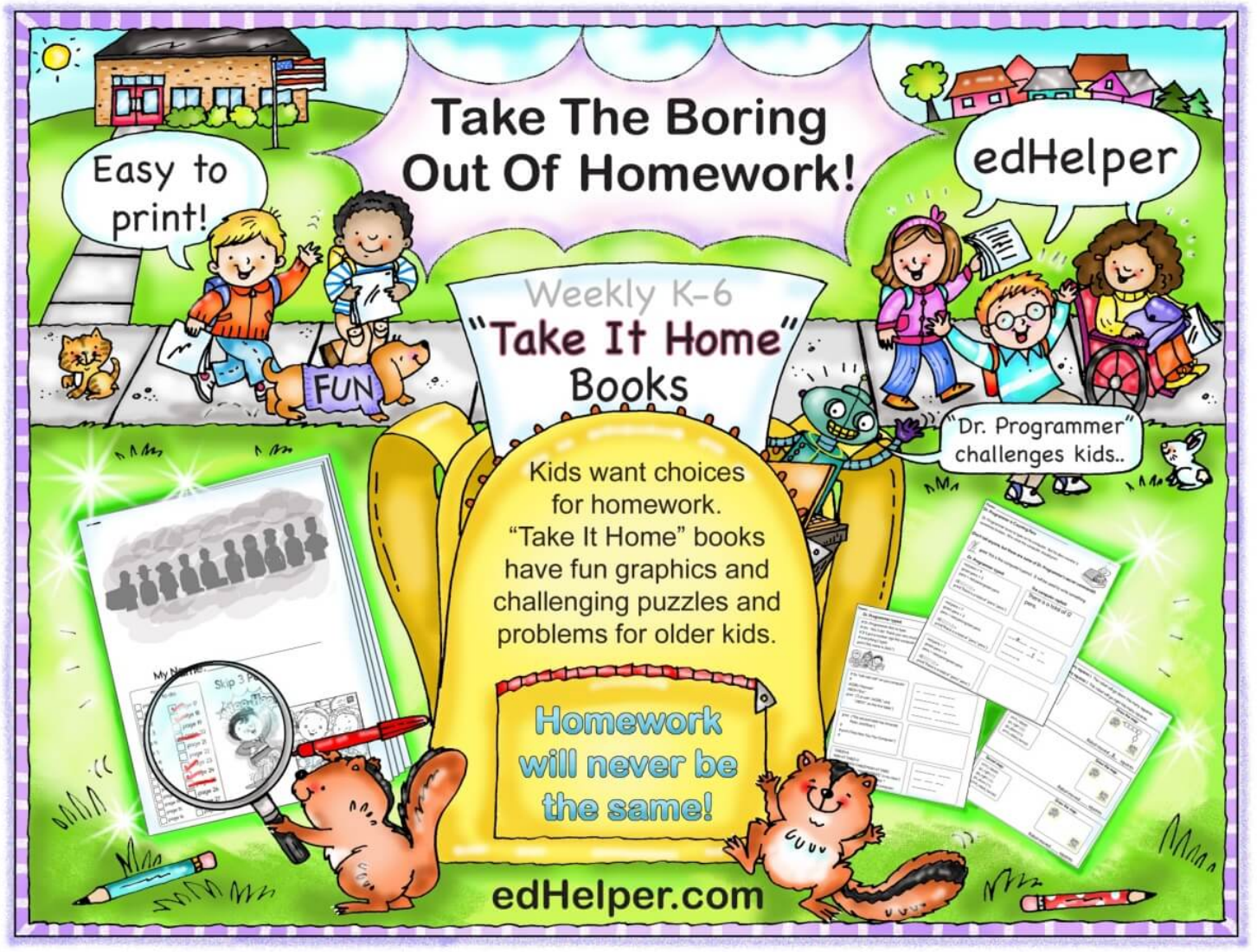
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