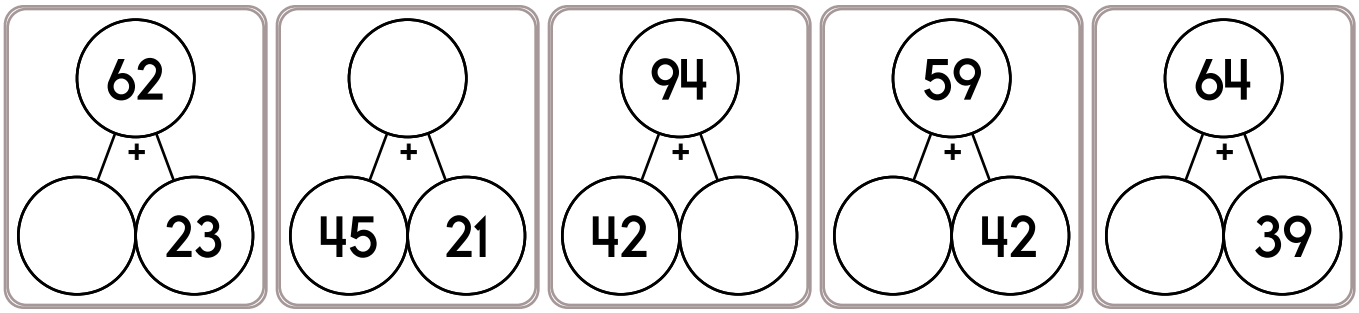
**Name:** _____

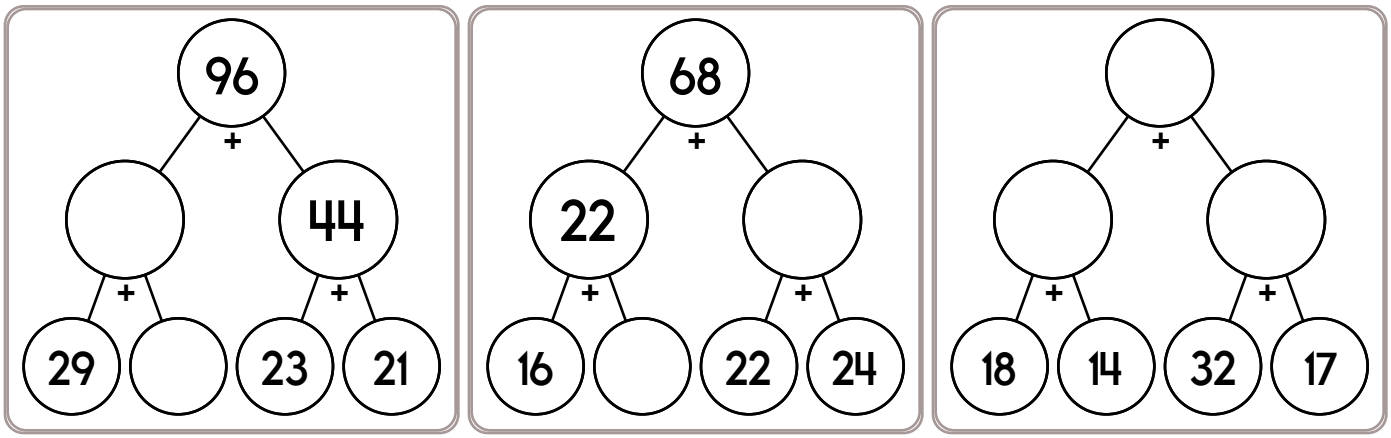
| | | | | |
|---|---|---|---|---|
| 450 − 10 | 831 − 11 | 379 − 41 | 273 − 39 | 198 − 43 |
| 495 − 72 | 326 − 27 | 223 − 24 | 608 − 32 | 798 − 48 |

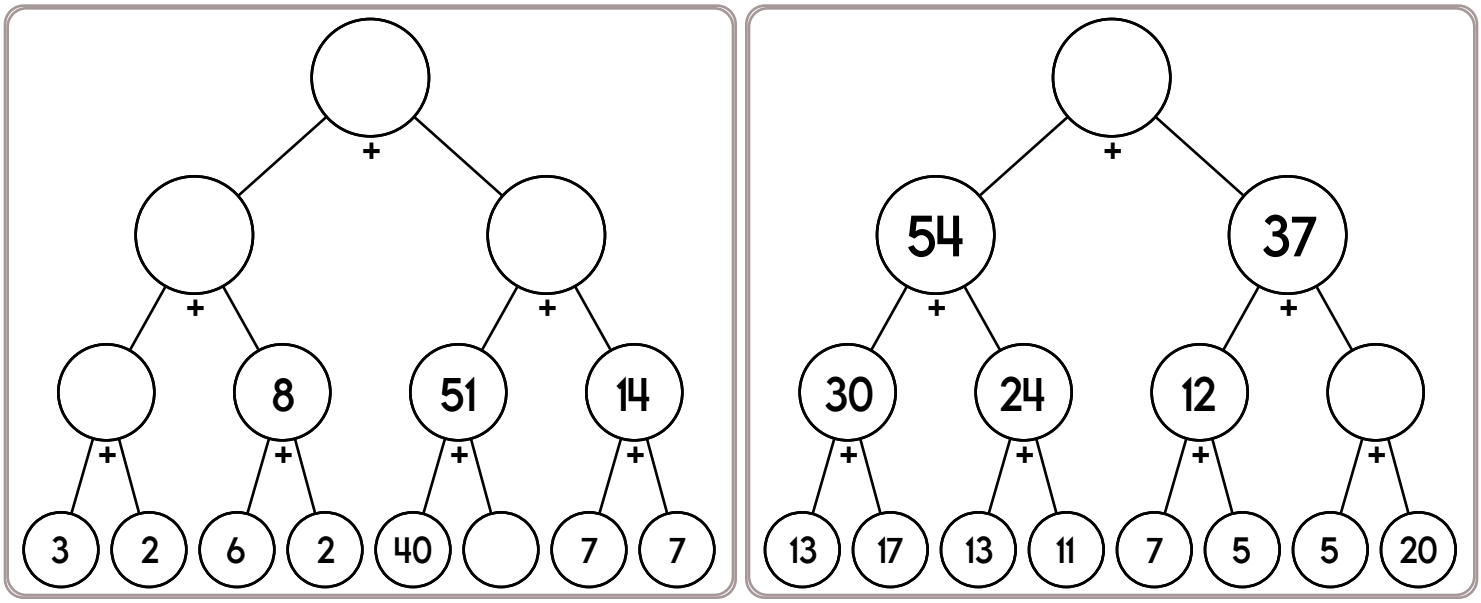
| | |
|---|---|
| ____ - 65 = 576 | 793 - ____ = 729 |
| ____ - 18 = 119 | 221 - ____ = 133 |
| ____ - 59 = 488 | ____ - 83 = 210 |
| 459 - ____ = 413 | 893 - ____ = 830 |

| | | | |
|---|---|---|---|
| 846 = 815 + 31 | 899 = ____ + 27 | 846 = ____ + 31 | 514 = 455 + ____ |
| 354 = 270 + ____ | 196 = 182 + ____ | 605 = 552 + ____ | 196 = ____ + 14 |

**Name:** _____




-6 + 9 =

8 + -6 =

-55 ÷ -5 =

word root **di** can mean **day** **diary**

**Name:** _____

The fourth grade students invited their parents to come to their classroom on Alexander Graham Bell Day to see their projects. Anne was making nametags for the parents. She needs 43 nametags. If she makes 4 nametags each day, how many days will it take her to make all the tags?

Bell Insurance Co. told Mr. Brown that they have a special life insurance policy for people who do not smoke. That is because the life span of smokers is about 64 years, but for non-smokers it is about 84 years. What is the ratio of the expected life span on smokers to non-smokers? (Express your answer as a fraction in lowest terms.

$30 + n = 41$

How many meters are there in 109 kilometers?

Write $\frac{4}{8}$ in lowest terms.

Rosa procrastinated studying until 5 minutes before the spelling test. As a result, she only spelled 1 out of 3 words correctly. There were 18 words on the test. How many did she spell correctly?

The sign on the rusty brown truck said, "For Sale. $268." Robert counted his money. He only had $186.51. How much more money does he need to buy the truck?

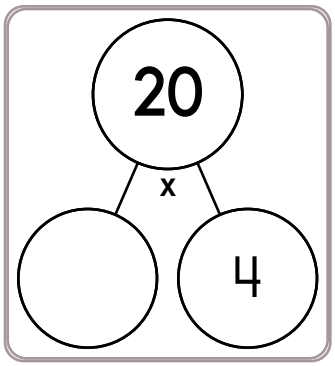
The Forest Service removed 179 dead trees from the park and sold them for $23.75 each to people to use for firewood. If they sold 176 trees for the posted price and 3 small trees for $16.99, how much money did they make?

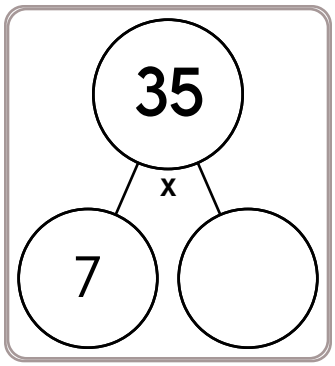
22 lb = _____ oz

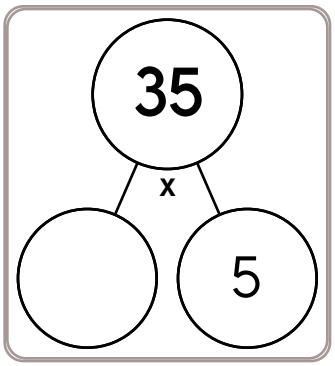
Insert a comma in the appropriate place in this sentence.
I had to memorize a poem so I chose something by Wordsworth.

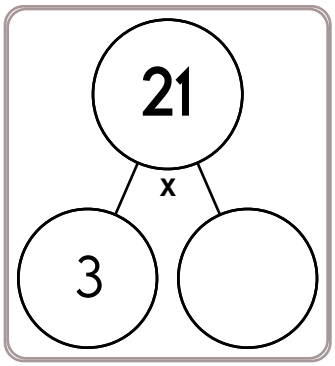
$36 \div 4 =$

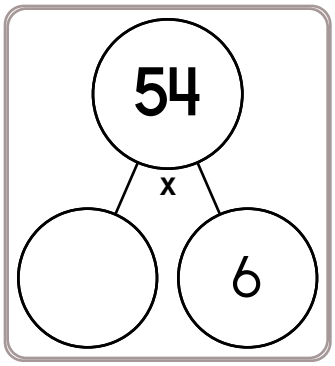
**Name:** _____

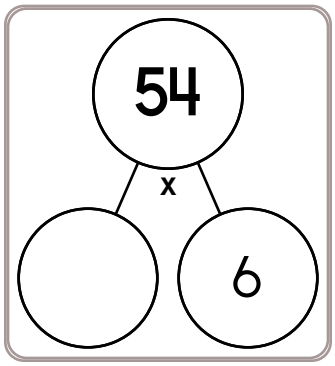


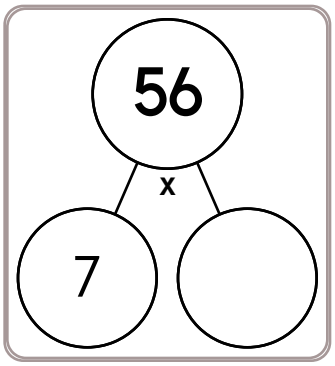



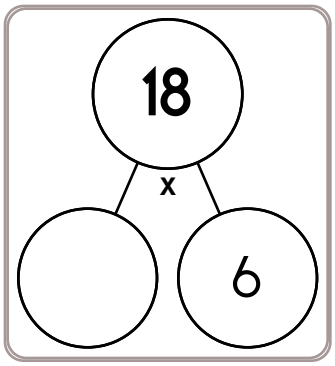



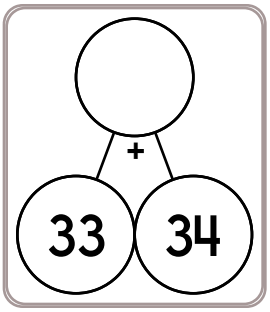



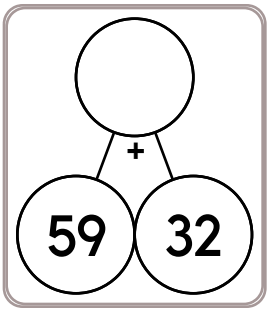

$65\overline{)130}$ $2\overline{)188}$ $4\overline{)100}$ $9\overline{)675}$

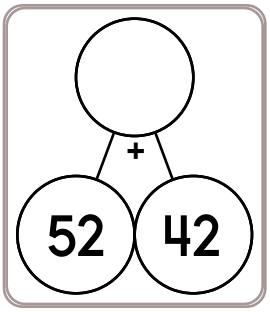
$5\overline{)365}$ $8\overline{)368}$ $5\overline{)205}$ $6\overline{)318}$

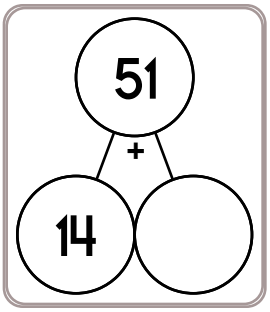
$3\overline{)60}$ $6\overline{)246}$ $85\overline{)340}$ $5\overline{)190}$

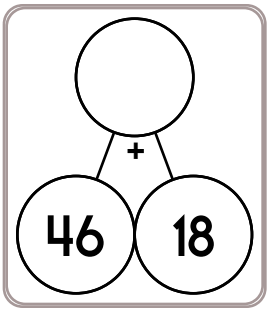
**Name:** _____




Round the decimal 0.565 to the nearest hundredth.

How many centimeters in 4.9 meters?

5 x 9 - 9 - 8

18, 36, _____, 72, 90, 108, 126, 144

Q, Q, 7, _____, Q, Q, 7, z, Q, Q, 7, z, Q, Q, 7

It's 11:00 a.m. and Wendy is getting ready for soccer practice. If practice starts at 2:40 p.m., then how much longer until soccer starts?

7, 9, 11, _____, 15, 17, 19, 21, 23, 25

What is the area of a rectangle with sides 4 cm and 6 cm?

15, 19, 24, 30, 37, 45, 54, 64, _____, 87

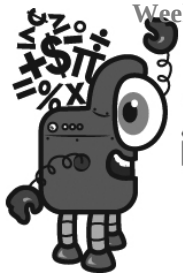
8 - 6 ÷ 6

(4 + 4) - 1

C, K, D, L, E, _____, F, N, G, O

**Name:** _____

# Mental Math



= Do it in your head!

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?

| A | B | C | D | E |
|---|---|---|---|---|
| imagine 4 in your head | | imagine 5 in your head | imagine 4 in your head | imagine 9 in your head |
| multiply 9 | | multiply 4 | add 4 | multiply 7 |
| add 2 | | double it | add 3 | add 3 |
| | | add 8 | multiply 6 | double it |
| | | | add 7 | |
| Add the tens digit to the ones digit. Write the sum. | | Write the ones digit. | Write the tens digit. | Write the hundreds digit. |
| ____ ____ | | ____ | ____ | ____ |

**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?**

____ ____ ____ **h** **t** ____ **e** ____

| | | |
|---|---|---|
| 2 after 17 _____ | 5 before 12 _____ | 9 before 17 _____ |
| 5 after 18 _____ | 1 before 15 _____ | 3 before 16 _____ |
| 3 after 16 _____ | 6 before 18 _____ | 7 before 14 _____ |
| 7 after 12 _____ | 4 before 19 _____ | 2 before 11 _____ |

**Name:** _____

Wendy and Emily are at the paint store. They want to paint 3 rooms in their house. Each room has 320 square feet of wall to be painted. "How much paint do you think we should get?" Wendy asks Emily.

"This 1 gallon of paint says it should be enough to cover 180 square feet," replies Emily.

How many gallons should they get? The store only sells whole gallons.

You have a playdate in 240 minutes. How many hours is that?

If you exchange 60 dimes for dollars, then how many dollars would you get?

Is 29 a composite or a prime number?

Nathan bought 6 dozen cupcakes for a party. How many cupcakes did he buy?

$84 \div 12 + 7$

How many tens are in the number 2,500?

word root **mania** can mean **madness** **kleptomania, megalomania**

**Name:** _____

Sally bought a kit to make fidgets. The box says that you can make up to 36 fidgets. Sally tried to make one. It took her 32 seconds to make. How many fidgets can she make in an hour? Assume she takes a 10-second break after making each fidget.

$9n = 63$

$\frac{N}{10} = 10$

$7m = 35$

$24 \div ___ = 6$

What is the sum of 5 and 58?

The number 74 is more than the number 6 by how much?

1 kg = 1,000 g

15 kg = _____ g

$108 \div 12 =$

Choose the word that best completes the sentence.

I hope Geoff is (allowed/aloud) to spend the night at my house on Friday.

**Name:** _____

| | | |
|---|---|---|
| The polar explorers hiked $\frac{3}{5}$ of a mile across the frozen wilderness during the first hour. They saw three polar bears from a distance. During the second hour of their hike, they saw seven polar bears, but only hiked $\frac{2}{5}$ mile. How many miles did they hike in the two hours? | Amanda and her friends are going to see a movie that starts at 3:00 p.m. It takes them 19 minutes to ride their bikes to the movie. It is 1:49 p.m. now. How much time do they have before they have to leave to get to the movie by the time it starts? | Eric felt foolish. Everyone else in class was dancing like a chicken. Eric thought they looked silly. Anyway, it was almost time to go. It was 2:30 p.m. Only 20 more minutes and he could escape. What time is the class over? |

**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 10 16<br>C O N C E A L | 23 |
| 1 2 4 6<br>V | |
| 1 2 6 10 16 22<br>C A | |
| 1 2 6<br>D E | |
| 1 2 4 6 8 14<br>I | |

| Make a Word | Sum |
|---|---|
| 1 2 4 8 14 20<br>T A | |
| 1 2 6 10<br>P O | |
| 1 2 4 6 8 12 18<br>O | |
| 1 2 4 8<br>R E | |
| 1 2 4 6 12 18<br>F E | |

**Name:** _____

Can 361 be evenly divided by 6? Circle:
361 is NOT evenly divisible by 6
361 is evenly divisible by 6

$$\begin{array}{r} 990 \\ -\ 625 \\ \hline \end{array}$$

Mary will win if a random number pulled out of a box is a multiple of 3. 28 pieces of paper, numbered 40 to 67, are put inside a box. What is the chance that Mary will win?

$$\begin{array}{r} 35 \\ +\ 28 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ -\ 31 \\ \hline \end{array}$$

6 x 8 =

Write 80,913 in words.

_____

$$\begin{array}{r} 467 \\ +\ 411 \\ \hline \end{array}$$

How many yards are in 27 feet?

_____ yards

Write the missing family fact.

63 ÷ 3 = 21
63 ÷ 21 = 3
21 x 3 = 63

_____

**Name:** _____

How far do you think it is from the ground to your chin? Write an estimate of the distance you think it could be.

Circle the smallest number:

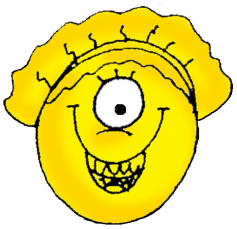
3,975,120

46,298,031

781,926,504

8,463

45 ÷ 9 =



Wendy was given four numbers: 11, 15, 9, and 10. She needs to use two of these numbers to make a fraction. Can she make a fraction that is greater than five-sixths?

Write an equation to represent this:

The difference between seventeen and two is fifteen.

_____

Insert a comma in the appropriate place in this sentence.

I would tell you the secret but then I would have to erase your memory.

The circus is in town! Tickets are only $3 for kids. Adults need to pay double the price of kids tickets. Erin is bringing three of her friends in her class. Her mom is also coming. Erin wants to pay for everyone. How much will she need to pay?

Circle the helping verb in the sentence.

I have finished my list of chores.

Add a comma to separate the introductory element from the rest of the sentence.

Sadly I forgot my best friend's birthday.

For 3,718,061,453,996, write the digit that is in the ten thousands place.

_____

Circle the correctly spelled words.

plight, plyte

peeple, people

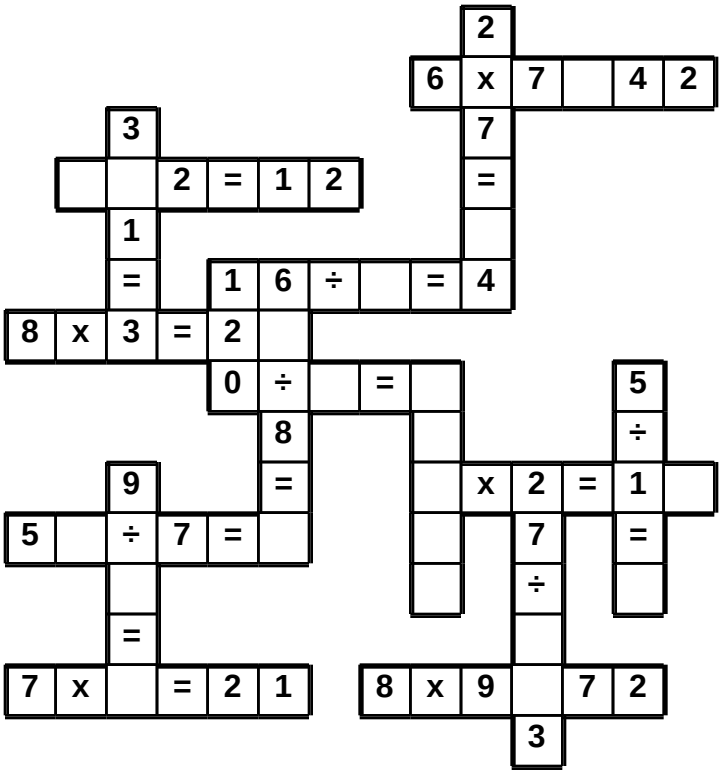
poyse, poise

word root **lumin** can mean **light** **illumination, luminary, luminosity**

**Name:** _____

= • 6 • x • 1 • 4 • 4 • 6 • 0 • ÷ • 5 • 0 • 6 • 8 • = • 3 • 0
5 • 9 • 3 • =

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




Six kids and two adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is $54. How much is one kids ticket? How much is one adult ticket?

Circle the digit in the hundredths place.

33.7619

Insert punctuation marks into this sentence.

My brother asked me, Do you feel well?

3 x 8 =

Add the correct end punctuation for this sentence.

Please do the dishes after lunch

**Name:** _____

I am the smallest whole number that rounds to 70 when rounding to the nearest ten.

The sum of two counting numbers is 49. One number is three larger than the other. What are the two numbers?

In the equation 37 x 421 = 15,577, which number is the product?

How many minutes are there from 3:00 p.m. until 3:45 p.m.?

How many total legs are on 22 elephants.

**Name:** _____

Cross off the number that does NOT belong.

17, 18, 21, 26, 33, 42, 53, 66, 81, 90, 98

**Why does _____ not belong in the pattern?**

Cross off the number that does NOT belong.

4, 70, 69, 20, 64, 36, 58, 52, 52, 68, 46, 84, 40

**Why does _____ not belong in the pattern?**

**Name:** _____

62.99 + 17.358 =

A) 70.115
B) 80.348
C) 507.501
D) 45.632

Which of the following numbers is an even number and also a multiple of nine?

A) 148
B) 162
C) 143
D) 161

Which of the following has the greatest value?

A) 8187.5426300
B) 8178.54263
C) A and B are equal.

Which of the following has the smallest value?

A) 0.918
B) 9.18
C) A and B are equal.

What is the value of the 2 in 0.82971304?

A) 2 hundredths
B) 2 thousandths
C) 2 tenths

Which of the following has the greatest value?

A) 1377.514730
B) 1377.51473
C) A and B are equal.

**Name:** _____

| X | | 5 | 4 | | | |
|---|---|---|---|---|---|---|
| | ___ x ___ | ___ x 5 | 8<br>___ x 4 | ___ x ___ | ___ x ___ | ___ x ___ |
| | 32<br>___ x ___ | ___ x 5 | ___ x 4 | ___ x ___ | ___ x ___ | ___ x ___ |
| | ___ x ___ | 10<br>___ x 5 | 8<br>___ x 4 | ___ x ___ | ___ x ___ | ___ x ___ |
| | ___ x ___ | ___ x 5 | ___ x 4 | ___ x ___ | ___ x ___ | 40<br>___ x ___ |
| | ___ x ___ | ___ x 5 | 32<br>___ x 4 | ___ x ___ | ___ x ___ | ___ x ___ |
| 6 | 6 x ___ | 6 x 5 | 6 x 4 | 24<br>6 x ___ | 24<br>6 x ___ | 24<br>6 x ___ |
| | ___ x ___ | 20<br>___ x 5 | ___ x 4 | 16<br>___ x ___ | ___ x ___ | ___ x ___ |
| 4 | 16<br>4 x ___ | 4 x 5 | 4 x 4 | 4 x ___ | 4 x ___ | 4 x ___ |

| What time is 16 hours after 2:00 p.m.? | Write a letter that has a line of symmetry. |
|---|---|
| _____ | _____ |

**Name:** _____

Grace, Brandon, and Sean each ate something different for breakfast. One had waffles, one had cereal, and one had bacon for breakfast.

What did each person have for breakfast?

1. Sean did not have bacon or cereal for breakfast.
2. Only Sean and Brandon like meat for breakfast.

Grace had _____ for breakfast.

Brandon had _____ for breakfast.

Sean had _____ for breakfast.

Peter invented a robotic bug. The bug can crawl three centimeters in twenty-two seconds. How long would it take the bug to crawl sixteen centimeters?

Circle the greatest number:

46,287 547,190,385

59,721,380,640 6,978,231

Circle the coordinating conjunction in this sentence.

300,000 prospectors participated in the California Gold Rush, but merchants ended up making more money than gold miners.

(6 + 9) + 7 =

Can 744 be evenly divided by 12? Circle:

744 is evenly divisible by 12

744 is NOT evenly divisible by 12

Circle the addition property for 33 + 100 = 100 + 33.

commutative property

associative property

Write one synonym for this word.

frequent

_____

In each pair, circle the word that is spelled correctly.

evening, evning

remov, remove

turtle, turdle

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More spelling!
It's NO PREP at edHelper.
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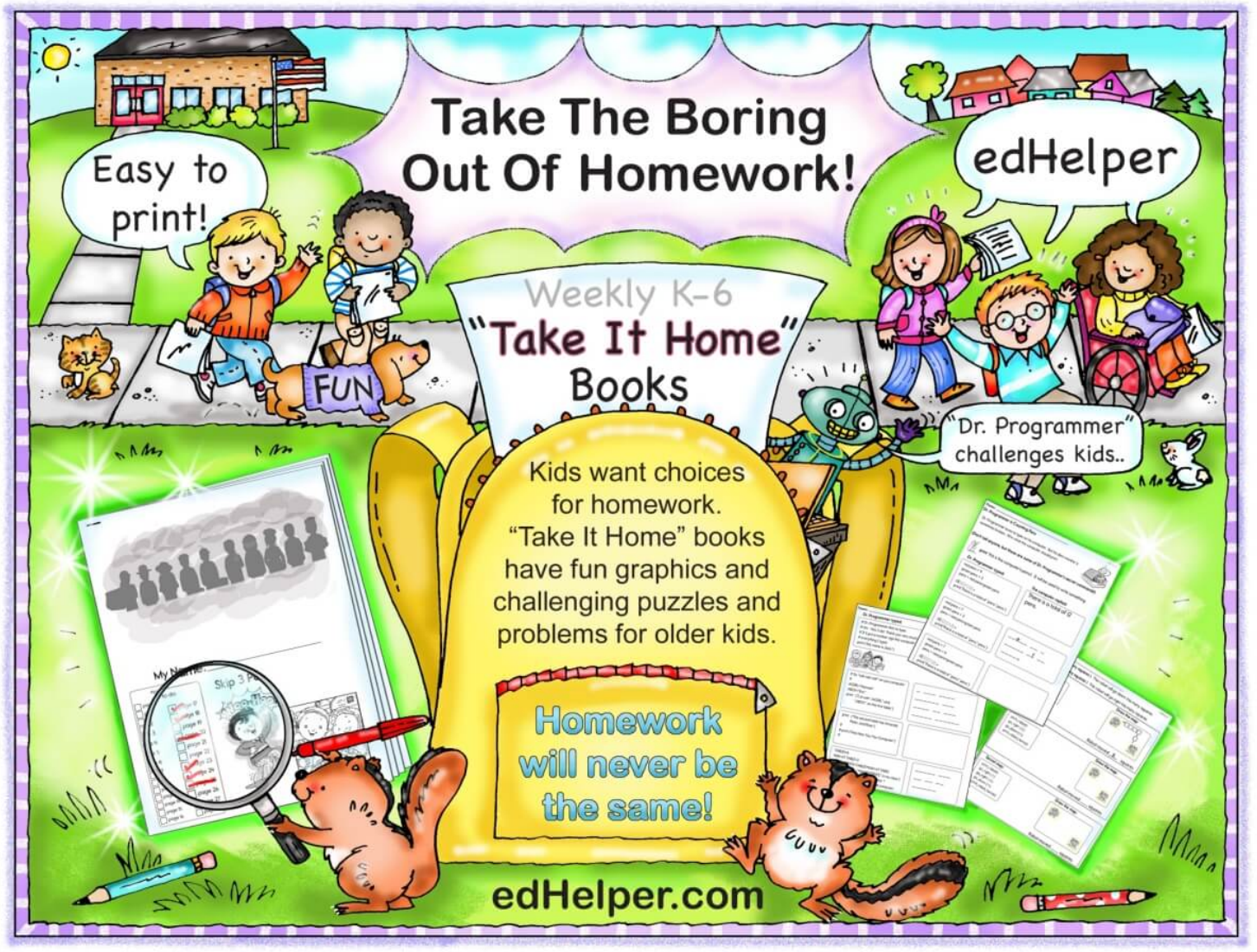
More puzzles!
New ideas!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