

Word problems.


1. Can you solve the following problems? Why?
 - a. The mother gave her children equally 12 apples. How many apples did each child get?
 - b. In total, Peter bought notebooks for \$36. How much does each notebook cost?
 - c. Maria and Julia made paper snowflakes for the winter holidays. Maria made 18 snowflakes and Julia made 27 snowflakes. How much longer did Julia work if they needed the same amount of time to make a snowflake?


Add needed information and solve problems.

2. A dog weighs 2 pounds more than a cat. Together, a dog and a cat weigh 12 pounds. How many pounds does the dog weigh? How many pounds does the cat weigh?

Problem.


What do we know?




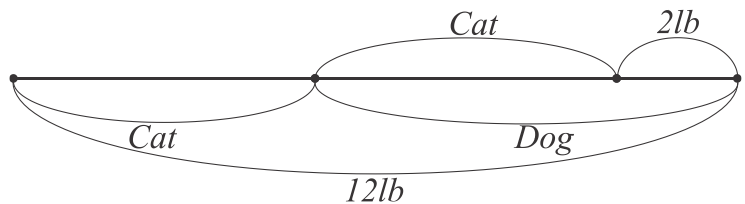
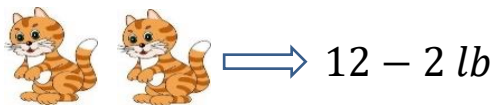
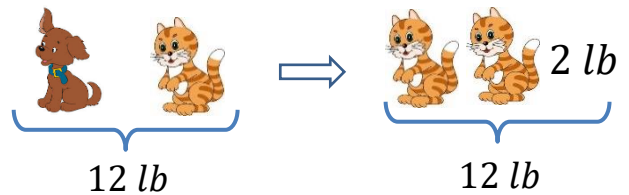
$$= \text{cat} + 2$$


$$+ = 12 \text{ lb}$$

What is the question?



$$=? \text{ lb}$$


$$=? \text{ lb}$$


3. Evaluate:

a. $(418:418 - 0 \cdot 75) \cdot (62 - 62) + (89 \cdot 1):89;$

b. $(54:1 + 0:1) \cdot 0 + (25 - 24) \cdot (12 + 0:36);$

4. Peter and Robert went camping. They walked 14 km and rested. After the rest, they walked 6 km less than before the rest, and stopped for the night. Now they have to go three times further than they have already gone. How long is the trip planned?



5. Find the unknown x

$$x + 6 = 84;$$

$$x \cdot 6 = 84$$

$$x - 7 = 63;$$

$$x:7 = 63$$

$$54 - x = 27;$$

$$54:x = 27$$

6. Find missing digits:

$$\begin{array}{r} \square 9 5 \\ + 3 \square 4 \\ \hline 8 4 \square \end{array}$$

$$\begin{array}{r} \square 2 0 \\ - 4 \square 7 \\ \hline 3 6 \square \end{array}$$

7. Can you compare (put $<$, $>$, or $=$) without calculations?

a. $2453+235$ _____ $2453+236$

b. $2341-123$ _____ $2341-122$

c. $a \cdot 8 + a \cdot 6$ _____ $15 \cdot a$

d. $y + 205$ _____ $502 + y$

8. Divide using long division:

$$522 \div 6$$