

Identifying the information needed to answer a question in a word problem

Read each problem and evaluate the choices. Write an equation showing how your choice is correct.

- ① Ed ran every single day for a week.

What information is needed to find out how far he ran?

- a. how long he ran each time      **b. how far he ran each time**      c. when he started to run

The correct choice is b.

 $(\text{how far he ran each time}) \times 7 = \text{how far he ran for the week}$ 

- ② Mary scored 5 more points than her friend on a spelling test.

What information is needed to find out the points her friend received?

- a. total number of points on the test      b. words her friend got wrong      **c. Mary's points**

 $(\text{Mary's points}) - 5 = \text{the points her friend received}$ 

- ③ Seth bought a box of crayons for 63¢ and a coloring book for 80¢.

What information is needed to find out how much change he will get back?

- a. the number of crayons in a box      b. the difference in price between the crayons and the coloring book      **c. the amount of money he gave the cashier**

$63¢ + 80¢ = \$1.43$

 $(\text{the amount of money he gave the clerk}) - \$1.43 = \text{his change}$ 

- ④ Brad has two boxes of baseball cards. In one box he has 24 cards.

What information is needed to find out how many cards are in the other box?

- a. how much he paid for the cards      **b. the total number of cards**      c. how many cards are of the same player

 $(\text{the total number of cards}) - 24 = \text{the number of cards in the other box}$ 

4,387

The 3 in this number represents

Which one does not belong?

4. parallelogram

5. hexagon

**6. pentagon**3.  $(3 \times 1)$ 4.  $(3 \times 1,000)$ **5.  $(3 \times 100)$** 6.  $(3 \times 10)$ 

$3. 2 \times 8 = 16$

**4.  $16 \div 4 = 4$**

5.  $16 \div 2 = 8$

6.  $16 \div 8 = 2$

A 15

6  
5  
+ 4  
15

Three children met before school.  
Carlos arrived after Ken got there.  
Sandy arrived before Carlos  
and after Ken. Who arrived first?

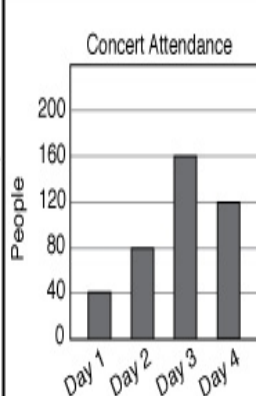
Ken bought 12 stickers for three friends. If he gives the same number to each friend, how many stickers will each friend get?

K	S	C
Sandy	Carlos	Ken
3.	4.	<b>5.</b>

$12 \div 3 = 4$

**4 stickers**

B 9

5  
+ 4  
9

How many more people attended on day 3 than day 1?

$$\begin{array}{r} 160 \\ - 40 \\ \hline 120 \end{array}$$

**120 more people**

How many people attended on day 4?

$$\begin{array}{r} 120 \\ 120 \\ \hline 240 \end{array}$$

**120 people**

How many people attended the first 3 days?

$$\begin{array}{r} 40 \\ 80 \\ + 160 \\ \hline 280 \end{array}$$

**280 people**

C 520

120  
120  
+ 280  
520