

1. Choose the correct answer.

a. If  $\frac{5}{7} = \frac{x}{28}$ , then  $x =$  \_\_\_\_\_

A. 4

B. 20

C. 9

D. 26

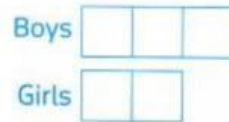
b. From the opposite tape diagram ,  
if the sum of boys and girls is 35 , then each box  
equals \_\_\_\_\_

A. 3

B. 2

C. 5

D. 7



c. The product of extremes 



 the product of means.

A. <

B. =

C. >

D. ≠

2. Complete the following.

a. If  $\frac{3}{4} = \frac{12}{x}$ , then  $x + 4 =$  \_\_\_\_\_

d. If  $\frac{5}{x} = \frac{15}{12}$ , then  $2x =$  \_\_\_\_\_

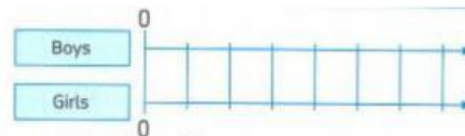
e. A car consumes 20 liters of benzene for 160 km , then its consumes 10 liters of benzene  
for \_\_\_\_\_ km

3. a. If the ratio between number of boys and girls  
is 7 : 6 and the number of girls is 42 girls.

Use the double number line to find :

1. The number of boys

2. The total number of pupils



b. Find the value of x in each of the following.

1.  $\frac{x-1}{5} = \frac{20}{25}$

2.  $\frac{4}{7} = \frac{x+3}{28}$