

1. Choose the correct answer.

a. If $\frac{5}{7} = \frac{x}{28}$, then $x = \underline{\hspace{2cm}}$

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 $\underline{\hspace{2cm}}$

A. 3

B. 2

C. 5

D. 7

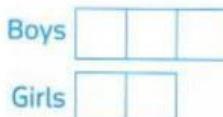
c. The product of extremes $\underline{\hspace{2cm}}$ the product of means.

A. <

B. =

C. >

D. \neq



2. Complete the following.

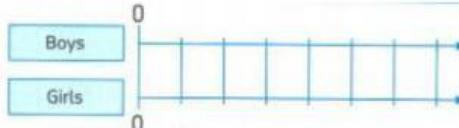
a. If $\frac{3}{4} = \frac{12}{x}$, then $x + 4 = \underline{\hspace{2cm}}$

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

e. A car consumes 20 liters of benzene for 160 km, then its consumes 10 liters of benzene for $\underline{\hspace{2cm}}$ 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. $\frac{4}{7} = \frac{x+3}{28}$