

Chapter – 12

Ratio and proportion

Worksheet – 2

- Find the ratio of 80 cm to 4.8 m?
  - 1:6
  - 1:5
  - 1:8
  - 2:5
- What is the ratio of 45 minutes to 3 hours?
  - 2:4
  - 3:8
  - 1:4
  - 2:6
- In the three equivalent ratios given below find the value of x?  
 $(\frac{3}{6} = \frac{9}{x} = \frac{27}{54})$ 
  - 19
  - 18
  - 17
  - 16
- If  $30 : 40 :: 90 : x$ , then what is the value of x?
  - 140
  - 120
  - 110
  - 100
- Find the value of x in –  
 $\frac{3}{6} = \frac{x}{54}$ 
  - 12
  - 20
  - 27
  - 30
- Which of the following ratio is equivalent to  $\frac{27}{81}$  and  $\frac{7}{21}$  ?



- a.  $\frac{16}{50}$   
b.  $\frac{17}{50}$   
c.  $\frac{16}{48}$   
d.  $\frac{18}{52}$
7. Three terms a, b and c are in proportion if –  
a.  $c:a = c:b$   
b.  $c:a = a:b$   
c.  $a:b = b:c$   
d.  $b:a = c:a$
8. Find the ratio of 50 paise to 3 rupees?  
a. 1:5  
b. 1:6  
c. 2:3  
d. 1:4
9. 240:1000 is equivalent ratio to \_\_\_\_  
a. 6:12  
b. 6:25  
c. 12:25  
d. 12:40
10. 10000 divided in the ratio of 4:6 is equal to \_  
a. 3000 and 7000  
b. 5000 and 5000  
c. 2000 and 8000  
d. 4000 and 6000
11. Raju gives ₹4000 to person P and Q in the ratio 1:3 respectively, if person P got ₹1000, then how much money Person Q got from Raju?
12. Divide ₹300 between Anil and Sneha in the ratio of 1:4?
13. 15 men can complete a construction work in 40 days. In how many days, 20 men can complete the same construction work?
14. Two numbers are in the ratio 3:7 and their sum is 1000. Find the two numbers?
15. Compare whether ratio  $\frac{40}{160}$  is bigger or smaller than  $\frac{3}{6}$ ?
16. Divide ₹12000 among A, B, C in the ratio 1:3:5?



17. Divide ₹14000 among A, B, C in the ratio 2:5:7?
18. If 20, 40, x are in proportion, then find the value of x?
19. If 30, 90, y are in proportion, then find the value of y?
20. If  $40:x::x:90$ , then what is the value of x?