



1. Find the missing value in the equation $___ : 2 = 24 : 6$

- (i) 6 (ii) 9 (iii) 10 (iv) 8 (v) 7

2. Find the missing value in the equation $54 : ___ = 18 : 3$

- (i) 7 (ii) 9 (iii) 8 (iv) 12 (v) 10

3. Find the missing value in the equation $20 : 5 = ___ : 3$

- (i) 13 (ii) 10 (iii) 14 (iv) 11 (v) 12

4. Find the missing value in the equation $6 : 1 = 36 : ___$

- (i) 3 (ii) 5 (iii) 8 (iv) 7 (v) 6

5. Find the product of extremes of $15 : 16$ and $12 : 17$

- (i) 252 (ii) 258 (iii) 254 (iv) 255 (v) 192

6. Find the product of extremes of $\frac{19}{5} : \frac{11}{6}$ and $\frac{17}{18} : \frac{13}{4}$

- (i) $\frac{247}{18}$ (ii) $\frac{247}{20}$ (iii) $\frac{187}{108}$ (iv) $\frac{249}{20}$ (v) $\frac{49}{4}$

7. Find the product of means of $2 : 18$ and $20 : 13$

- (i) 360 (ii) 358 (iii) 362 (iv) 359 (v) 26

8. Find the product of means of $\frac{6}{7} : \frac{16}{11}$ and $\frac{8}{3} : \frac{5}{13}$

- (i) $\frac{130}{33}$ (ii) $\frac{128}{33}$ (iii) $\frac{30}{91}$ (iv) $\frac{128}{31}$ (v) $\frac{42}{11}$

9. Which of the ratios is proportional to $16 : 4$?

- (i) $20 : 3$ (ii) $19 : 5$ (iii) $20 : 5$ (iv) $20 : 7$ (v) $21 : 5$

10. A ratio is equal to $7 : 16$. If its antecedent is 490, what is its consequent?

- (i) 1122 (ii) 1120 (iii) 1119 (iv) 1121 (v) 1117

11. A ratio is equal to $1 : 3$. If its consequent is 5460, what is its antecedent?

- (i) 1820 (ii) 1819 (iii) 1822 (iv) 1817 (v) 1821

12. Find the number which bears the same ratio to $\frac{1}{8}$ that $\frac{1}{2}$ does to $\frac{15}{208}$

- (i) 1 (ii) $\frac{13}{17}$ (iii) $\frac{13}{15}$ (iv) $\frac{11}{15}$

Assignment Key

1) (iv)	2) (ii)	3) (v)	4) (v)	5) (iv)	6) (ii)
7) (i)	8) (ii)	9) (iii)	10) (ii)	11) (i)	12) (iii)