

Proportions

Student's Name : _____

class : _____

Helpful Example :

$$\frac{3.6}{Y} = \frac{10.8}{12} \implies 10.8 \times Y = 3.6 \times 12 \implies Y = \frac{3.6 \times 12}{10.8}$$
$$\implies Y = 4$$

Find the answers for the following Proportions.

1. $\frac{x}{3.3} = \frac{6.6}{19.8}$

2. $\frac{40}{65} = \frac{z}{104}$

3. $\frac{32.5}{25} = \frac{97.5}{r}$

4. $\frac{21}{27} = \frac{t}{18}$

5. $\frac{32}{m} = \frac{24}{6}$

6. $\frac{n}{297} = \frac{11}{363}$

7. $\frac{s}{128} = \frac{7}{112}$

8. $\frac{52.5}{31.5} = \frac{15}{p}$

9. $\frac{26}{b} = \frac{39}{9}$

10. $\frac{s}{1.4} = \frac{33.6}{5.6}$

11. $\frac{18.4}{n} = \frac{22.8}{11.4}$

12. $\frac{15}{45} = \frac{9}{j}$

13. $\frac{44}{k} = \frac{22}{94}$

14. $\frac{60}{50} = \frac{h}{42}$

15. $\frac{200}{c} = \frac{400}{26}$

16. $\frac{78}{80} = \frac{39}{d}$

17. $\frac{46}{15} = \frac{92}{y}$

18. $\frac{z}{84} = \frac{1}{12}$

19. $\frac{x}{180} = \frac{15}{20}$

20. $\frac{4}{21} = \frac{m}{84}$