

Extra Practice with Proportions

Solve the following proportions. If needed round to the nearest tenth.

1. $\frac{G}{5} = \frac{6}{10}$

2. $\frac{7}{8} = \frac{X}{4}$

3. $\frac{M}{5} = \frac{2}{5}$

4. $\frac{-2}{3} = \frac{10}{T}$

5. $\frac{2}{6} = \frac{P}{9}$

6. $\frac{4}{6} = \frac{X}{24}$

7. $\frac{C}{12} = \frac{5}{4}$

8. $\frac{-32}{H} = \frac{-1}{3}$

9. $\frac{15}{A} = \frac{3}{8}$

10. $\frac{X+2}{6} = \frac{X-1}{12}$

11. At a school dance, the ratio of boys to girls is 5:2. If there are 210 boys at the dance, how many girls are there?

12. 25% of what is 28?

13. What percent of 72 is 18?

14. 60% of what is 45?

15. What is 20% of 650?

16. What percent of 90 is 63?

17. What is 70% of 12?

18. What is 7% of 480?

19. What percent of 20 is 8?

20. $\frac{X+8}{10} = \frac{X-3}{2}$

21. $\frac{-3}{6} = \frac{X-3}{8}$

22. A fast typist can type 120 words in 100 seconds. In 180 seconds, how many words could be typed?