

Lesson 7 Homework Practice

Solving Proportions

Solve each proportion.

1. $\frac{5}{m} = \frac{20}{32}$

2. $\frac{12}{28} = \frac{r}{63}$

3. $\frac{8}{50} = \frac{4}{f}$

4. $\frac{40}{48} = \frac{h}{42}$

5. $\frac{6.4}{16} = \frac{32}{n}$

6. $\frac{q}{18} = \frac{90}{135}$

7. $\frac{21}{24} = \frac{c}{64}$

8. $\frac{9}{d} = \frac{3}{4}$

9. $\frac{4}{32} = \frac{8}{k}$

10. $\frac{2.6}{4} = \frac{u}{8}$

11. $\frac{5.1}{1.7} = \frac{7.5}{q}$

12. $\frac{8.5}{25} = \frac{x}{50}$

13. $\frac{n}{12} = \frac{6}{18}$

14. $\frac{8}{v} = \frac{56}{105}$

15. $\frac{15}{35} = \frac{s}{7}$

16. $\frac{24}{30} = \frac{8}{w}$

17. $\frac{c}{28} = \frac{5}{7}$

18. $\frac{3}{r} = \frac{39}{65}$

19. $\frac{9}{15} = \frac{m}{25}$

20. $\frac{7.5}{6} = \frac{3.6}{x}$

21. $\frac{12}{25} = \frac{u}{40}$

22. $\frac{1}{a} = \frac{33}{132}$

23. $\frac{f}{5} = \frac{16}{40}$

24. $\frac{r}{6.5} = \frac{0.2}{1.3}$

25. $\frac{30}{14} = \frac{k}{1.54}$

26. $\frac{3.5}{7.2} = \frac{k}{57.6}$

27. $\frac{2.1}{42} = \frac{7}{t}$

28. Gayle is making fruit punch that consists of 2 quarts of juice and 1 quart of soda water. How much soda water does she need if she has 5 quarts of juice?

29. A school is running a fundraiser. For every \$75 worth of wrapping paper sold, the school receives \$20. How much wrapping paper must be sold to reach the fundraising goal of \$2500?