

Solving Proportions Algebraically #4

Name:

Date:

Period:

Use the proportion to write an equation. Solve for the variable. Show all steps. "Circle" your answer.

1. $\frac{n}{30} = \frac{20}{100}$

2. $\frac{n}{40} = \frac{35}{100}$

3. $\frac{n}{10} = \frac{24}{100}$

4. $\frac{n}{25} = \frac{80}{100}$

5. $\frac{n}{45} = \frac{40}{100}$

6. $\frac{n}{120} = \frac{75}{100}$

7. $\frac{n}{12} = \frac{75}{100}$

8. $\frac{n}{40} = \frac{32}{100}$

9. $\frac{n}{15} = \frac{67}{100}$

$$10. \frac{7}{5} = \frac{p}{100}$$

$$11. \frac{9}{60} = \frac{p}{100}$$

$$12. \frac{9}{4} = \frac{p}{100}$$

$$13. \frac{13}{20} = \frac{p}{100}$$

$$14. \frac{5}{8} = \frac{p}{100}$$

$$15. \frac{18}{60} = \frac{p}{100}$$

$$16. \frac{1.5}{w} = \frac{25}{100}$$

$$17. \frac{2.1}{w} = \frac{25}{100}$$

$$18. \frac{3.8}{w} = \frac{95}{100}$$

$$19. \frac{2.5}{w} = \frac{12.5}{100}$$

$$20. \frac{3.2}{20} = \frac{p}{100}$$

$$21. \frac{n}{30} = \frac{67}{100}$$