

Name _____ Date _____ Hour _____

Proportions Practice

Solve the following proportions. Show your work.

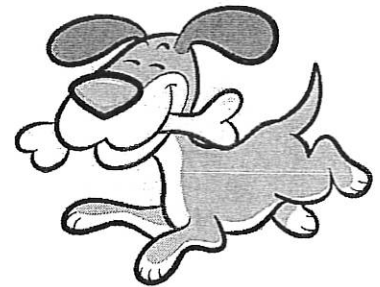
1. $\frac{y}{7} = \frac{6}{42}$

2. $\frac{2}{5} = \frac{11}{h}$

Solve the following problems using proportions.

3. The recipe for Choco-Chunk Chocolate Chip Cookies calls for 1.5 cups for flour for every 2 dozen cookies. Steve baked some Choco-Chunk Chocolate Chip Cookies for his work and used 24 cups of flour. How many dozen cookies did Steve bake?

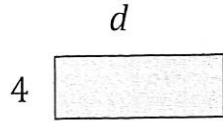
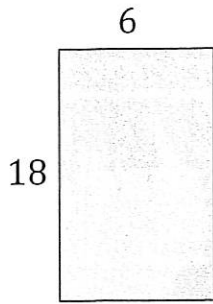
4. An 18-pound bag of Helo's dog food costs \$24.30. How much would you expect a 50-pound bag of dog food to cost?



5. Mrs. Doggett filled up her car at the gas station and paid \$48.10. Her car has a 13-gallon tank. How much would it cost to fill up a lawn mower with a 2.5-gallon tank?

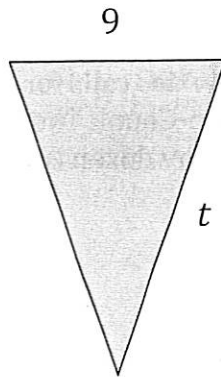
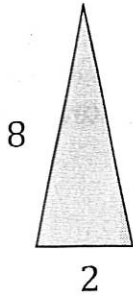
The following proportions compare the short side of the shape to the long side in two similar shapes. Find the missing side using the given proportion.

6.



$$\frac{6}{18} = \frac{4}{d}$$

7.



$$\frac{2}{8} = \frac{9}{t}$$

Solve the following proportions. Show all work.

8. $\frac{7}{u} = \frac{28}{40}$

9. $\frac{4}{6} = \frac{10}{d}$

10. $\frac{18}{20} = \frac{g}{100}$

11. $\frac{x}{10} = \frac{28}{35}$