

Ratios and Proportions

Grades 7-8 • Solving ratio and proportion problems

Name: _____

Date: _____

1. Solve the proportion: $\frac{3}{5} = \frac{24}{x}$

Answer: _____

2. Solve the proportion: $\frac{1}{2} = \frac{x}{18}$

Answer: _____

3. Solve the proportion: $\frac{1}{5} = \frac{x}{40}$

Answer: _____

4. Solve the proportion: $\frac{1}{2} = \frac{8}{x}$

Answer: _____

5. Solve the proportion: $\frac{2}{5} = \frac{x}{55}$

Answer: _____

6. Solve the proportion: $\frac{2}{5} = \frac{18}{x}$

Answer: _____

7. Solve the proportion: $\frac{2}{3} = \frac{x}{12}$

Answer: _____

8. Solve the proportion: $\frac{2}{5} = \frac{x}{50}$

Answer: _____

9. Solve the proportion: $\frac{3}{4} = \frac{30}{x}$

Answer: _____

10. Solve the proportion: $\frac{1}{5} = \frac{8}{x}$

Answer: _____

Answer Key

1.	Solve the proportion: $\frac{3}{5} = \frac{24}{x}$	40
2.	Solve the proportion: $\frac{1}{2} = \frac{x}{18}$	9
3.	Solve the proportion: $\frac{1}{5} = \frac{x}{40}$	8
4.	Solve the proportion: $\frac{1}{2} = \frac{8}{x}$	16
5.	Solve the proportion: $\frac{2}{5} = \frac{x}{55}$	22
6.	Solve the proportion: $\frac{2}{5} = \frac{18}{x}$	45
7.	Solve the proportion: $\frac{2}{3} = \frac{x}{12}$	8
8.	Solve the proportion: $\frac{2}{5} = \frac{x}{50}$	20
9.	Solve the proportion: $\frac{3}{4} = \frac{30}{x}$	40
10.	Solve the proportion: $\frac{1}{5} = \frac{8}{x}$	40