

Ratios and Proportions

Grades 7-8 • Solving ratio and proportion problems

Name: _____

Date: _____

1. Solve the proportion: $\frac{3}{5} = \frac{33}{x}$

Answer: _____

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

Answer: _____

3. Solve the proportion: $\frac{3}{5} = \frac{15}{x}$

Answer: _____

4. Solve the proportion: $\frac{1}{3} = \frac{9}{x}$

Answer: _____

5. Solve the proportion: $\frac{2}{3} = \frac{24}{x}$

Answer: _____

6. Solve the proportion: $\frac{1}{2} = \frac{10}{x}$

Answer: _____

7. Solve the proportion: $\frac{2}{5} = \frac{14}{x}$

Answer: _____

8. Solve the proportion: $\frac{1}{5} = \frac{x}{55}$

Answer: _____

9. Solve the proportion: $\frac{2}{5} = \frac{22}{x}$

Answer: _____

10. Solve the proportion: $\frac{2}{3} = \frac{x}{9}$

Answer: _____

Answer Key

1.	Solve the proportion: $\frac{3}{5} = \frac{33}{x}$	55
2.	Solve the proportion: $\frac{3}{5} = \frac{x}{40}$	24
3.	Solve the proportion: $\frac{3}{5} = \frac{15}{x}$	25
4.	Solve the proportion: $\frac{1}{3} = \frac{9}{x}$	27
5.	Solve the proportion: $\frac{2}{3} = \frac{24}{x}$	36
6.	Solve the proportion: $\frac{1}{2} = \frac{10}{x}$	20
7.	Solve the proportion: $\frac{2}{5} = \frac{14}{x}$	35
8.	Solve the proportion: $\frac{1}{5} = \frac{x}{55}$	11
9.	Solve the proportion: $\frac{2}{5} = \frac{22}{x}$	55
10.	Solve the proportion: $\frac{2}{3} = \frac{x}{9}$	6