

Ratios and Proportions

Grades 7-8 • Solving ratio and proportion problems

Name: _____

Date: _____

1. Solve the proportion: $\frac{3}{4} = \frac{x}{16}$

Answer: _____

2. Solve the proportion: $\frac{1}{4} = \frac{x}{32}$

Answer: _____

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

Answer: _____

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

Answer: _____

5. Solve the proportion: $\frac{3}{4} = \frac{x}{48}$

Answer: _____

6. Solve the proportion: $\frac{3}{5} = \frac{x}{45}$

Answer: _____

7. Solve the proportion: $\frac{2}{5} = \frac{20}{x}$

Answer: _____

8. Solve the proportion: $\frac{1}{4} = \frac{5}{x}$

Answer: _____

9. Solve the proportion: $\frac{2}{3} = \frac{x}{33}$

Answer: _____

10. Solve the proportion: $\frac{3}{5} = \frac{x}{45}$

Answer: _____

Answer Key

1.	Solve the proportion: $\frac{3}{4} = \frac{x}{16}$	12
2.	Solve the proportion: $\frac{1}{4} = \frac{x}{32}$	8
3.	Solve the proportion: $\frac{2}{5} = \frac{22}{x}$	55
4.	Solve the proportion: $\frac{1}{3} = \frac{3}{x}$	9
5.	Solve the proportion: $\frac{3}{4} = \frac{x}{48}$	36
6.	Solve the proportion: $\frac{3}{5} = \frac{x}{45}$	27
7.	Solve the proportion: $\frac{2}{5} = \frac{20}{x}$	50
8.	Solve the proportion: $\frac{1}{4} = \frac{5}{x}$	20
9.	Solve the proportion: $\frac{2}{3} = \frac{x}{33}$	22
10.	Solve the proportion: $\frac{3}{5} = \frac{x}{45}$	27