

# Ratios and Proportions

Grades 7-8 • Solving ratio and proportion problems

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

Answer: \_\_\_\_\_

2. Solve the proportion:  $\frac{1}{5} = \frac{x}{20}$

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

4. Solve the proportion:  $\frac{1}{2} = \frac{x}{14}$

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

6. Solve the proportion:  $\frac{1}{3} = \frac{x}{36}$

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

8. Solve the proportion:  $\frac{1}{5} = \frac{x}{35}$

Answer: \_\_\_\_\_

9. Solve the proportion:  $\frac{1}{3} = \frac{6}{x}$

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_



## Answer Key

1.	Solve the proportion: $\frac{2}{3} = \frac{x}{12}$	<b>8</b>
2.	Solve the proportion: $\frac{1}{5} = \frac{x}{20}$	<b>4</b>
3.	Solve the proportion: $\frac{1}{2} = \frac{6}{x}$	<b>12</b>
4.	Solve the proportion: $\frac{1}{2} = \frac{x}{14}$	<b>7</b>
5.	Solve the proportion: $\frac{1}{5} = \frac{10}{x}$	<b>50</b>
6.	Solve the proportion: $\frac{1}{3} = \frac{x}{36}$	<b>12</b>
7.	Solve the proportion: $\frac{1}{3} = \frac{x}{24}$	<b>8</b>
8.	Solve the proportion: $\frac{1}{5} = \frac{x}{35}$	<b>7</b>
9.	Solve the proportion: $\frac{1}{3} = \frac{6}{x}$	<b>18</b>
10.	Solve the proportion: $\frac{2}{3} = \frac{x}{33}$	<b>22</b>