

## Practice

Student Edition  
Pages 195-200**Ratios and Proportions**

Solve each proportion.

1.  $\frac{x}{4} = \frac{3}{2}$

2.  $\frac{3}{a} = \frac{1}{6}$

3.  $\frac{-3}{1} = \frac{12}{y}$

4.  $\frac{2}{7} = \frac{x}{-42}$

5.  $\frac{x}{-3} = \frac{3}{-2}$

6.  $\frac{4}{5} = \frac{3}{w}$

7.  $\frac{-5}{c} = \frac{1}{3}$

8.  $\frac{k}{8} = \frac{-2}{5}$

9.  $\frac{6}{z} = \frac{-3}{5}$

10.  $\frac{5}{12} = \frac{x+1}{4}$

11.  $\frac{r+2}{7} = \frac{5}{7}$

12.  $\frac{-6}{13} = \frac{8}{x+1}$

13.  $\frac{x-1}{-4} = \frac{2}{3}$

14.  $\frac{3}{7} = \frac{x-2}{6}$

15.  $\frac{7}{5} = \frac{1}{x+3}$

16.  $\frac{x-1}{3} = \frac{-1}{5}$

17.  $\frac{1}{3} = \frac{2}{x+2}$

18.  $\frac{x+2}{-3} = \frac{9}{-7}$

19.  $\frac{x+2}{3} = \frac{x-1}{6}$

20.  $\frac{z-1}{7} = \frac{z-2}{3}$

21.  $\frac{n+8}{-5} = \frac{n-3}{-1}$

22.  $\frac{x+5}{3} = \frac{x-2}{-4}$

23.  $\frac{x+1}{x-1} = \frac{2}{3}$

24.  $\frac{5-t}{3+t} = \frac{13}{12}$