

Proportions Practice

Date _____ Period _____

Solve each proportion.

1) $\frac{x}{6} = \frac{8}{3}$

2) $\frac{9}{v} = \frac{3}{2}$

3) $\frac{2}{10} = \frac{6}{b}$

4) $\frac{4}{x} = \frac{6}{8}$

5) $\frac{6}{3} = \frac{k+5}{5}$

6) $\frac{9}{10} = \frac{6}{b-2}$

$$7) \frac{r-7}{5} = \frac{4}{10}$$

$$8) \frac{4}{6} = \frac{x+8}{9}$$

$$9) \frac{r+1}{10} = \frac{8}{5}$$

$$10) \frac{9}{x-2} = \frac{7}{2}$$

$$11) \frac{v-4}{3} = \frac{v+10}{2}$$

$$12) \frac{10}{7} = \frac{x-3}{x+9}$$

$$13) \frac{r+3}{2} = \frac{r-8}{3}$$

$$14) \frac{4}{m+7} = \frac{10}{m+5}$$

Answers to Proportions Practice (ID: 1)

1) $\{16\}$

2) $\{6\}$

3) $\{30\}$

4) $\left\{\frac{16}{3}\right\}$

5) $\{5\}$

6) $\left\{\frac{26}{3}\right\}$

7) $\{9\}$

8) $\{-2\}$

9) $\{15\}$

10) $\left\{\frac{32}{7}\right\}$

11) $\{-38\}$

12) $\{-37\}$

13) $\{-25\}$

14) $\left\{-\frac{25}{3}\right\}$