

Unit 0.7 1 step equation using multiple and divide with fractions

Period _____

Solve each equation. Must show all work to get credit.

1) $-\frac{7}{12} = \frac{1}{3}p$

$\left\{-\frac{7}{4}\right\}$

2) $-\frac{5}{6} = \frac{2}{3}v$

$\left\{-\frac{5}{4}\right\}$

3) $1\frac{2}{3}p = \frac{2}{3}$

$\left\{\frac{2}{5}\right\}$

4) $\frac{1}{4}p = -\frac{5}{12}$

$\left\{-\frac{5}{3}\right\}$

5) $\frac{1}{9} = \frac{4n}{9}$

$\left\{\frac{1}{4}\right\}$

6) $-\frac{11}{5}x = -\frac{11}{5}$

$\{1\}$

7) $\frac{4}{5} = -\frac{6}{5}r$

$\left\{-\frac{2}{3}\right\}$

8) $-\frac{8}{3} = -4v$

$\left\{\frac{2}{3}\right\}$

9) $\frac{4}{5} = \frac{3p}{5}$

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

10) $\frac{3}{4}v = \frac{33}{20}$

$\left\{\frac{11}{5}\right\}$

11) $\frac{4a}{5} = -2$

$\left\{-\frac{5}{2}\right\}$

12) $-\frac{87}{5} = 3m$

$\left\{-\frac{29}{5}\right\}$

$$13) \frac{1}{2}x = \frac{11}{10}$$

$$\left\{\frac{11}{5}\right\}$$

$$14) \frac{5}{12} = \frac{5}{4}n$$

$$\left\{\frac{1}{3}\right\}$$

$$15) \frac{5r}{14} = \frac{5}{56}$$

$$\left\{\frac{1}{4}\right\}$$

$$16) -\frac{51}{10} = \frac{3}{2}n$$

$$\left\{-\frac{17}{5}\right\}$$

$$17) \frac{2}{3} = -\frac{2}{3}r$$

$$\{-1\}$$

$$18) -\frac{4}{3}n = \frac{56}{15}$$

$$\left\{-\frac{14}{5}\right\}$$

$$19) -\frac{5}{4}x = \frac{15}{8}$$

$$\left\{-\frac{3}{2}\right\}$$

$$20) -\frac{25}{54} = \frac{5x}{18}$$

$$\left\{-\frac{5}{3}\right\}$$

$$21) -\frac{10}{9} = \frac{2r}{3}$$

$$\left\{-\frac{5}{3}\right\}$$

$$22) \frac{9}{4}n = -\frac{9}{8}$$

$$\left\{-\frac{1}{2}\right\}$$

$$23) \frac{5}{3}b = \frac{5}{2}$$

$$\left\{\frac{3}{2}\right\}$$

$$24) 2n = -\frac{14}{5}$$

$$\left\{-\frac{7}{5}\right\}$$