

Two-Step Equations: Fractions

Solve each equation.

1) $\frac{4}{3}(x - 3) = 2\frac{5}{6}$

2) $-q + \frac{7}{2} = -\frac{5}{4}$

3) $9p - \frac{5}{2} = 12p$

5) $8 = \frac{2}{3}\left(\frac{9}{2} + d\right)$

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

9) $-\frac{7}{4}k - \frac{5}{3} = \frac{1}{6}k$

10) $9 = 4\frac{3}{5} + 6h$

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

Two-Step Equations: Fractions

Solve each equation.

1) $\frac{4}{3}(x - 3) = 2\frac{5}{6}$

$x = \frac{41}{8} \text{ or } 5\frac{1}{8}$

2) $-q + \frac{7}{2} = -\frac{5}{4}$

$q = \frac{19}{4} \text{ or } 4\frac{3}{4}$

3) $9p - \frac{5}{2} = 12p$

$p = -\frac{29}{18} \text{ or } -1\frac{7}{18}$

5) $8 = \frac{2}{3}\left(\frac{9}{2} + d\right)$

$d = \frac{15}{2} \text{ or } 7\frac{1}{2}$

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

$r = -\frac{11}{2} \text{ or } -5\frac{1}{2}$

9) $-\frac{7}{4}k - \frac{5}{3} = \frac{1}{6}k$

$k = -\frac{20}{23}$

10) $9 = 4\frac{3}{5} + 6h$

$h = \frac{11}{15}$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com