

Solving Multi-Step Inequalities

Decimals: S2

Solve each inequality.

1)
$$\frac{2}{x - 3.6} \leq \frac{1}{x - 0.75}$$

2)
$$\frac{7x}{6} + \frac{x}{2} \geq 5.9$$

3)
$$5x - 11.06 < \frac{1}{2}$$

5)
$$6.37 \geq \frac{4x}{5} - (x + 3.05)$$

7)
$$x + 12.4 < 6x + 7.5$$

8)
$$\frac{9x + 0.8}{x + 6.4} > 5$$

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

Log in

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

Sign up

www.mathworksheets4kids.com

Solving Multi-Step Inequalities

Decimals: S2

Solve each inequality.

1) $\frac{2}{x - 3.6} \leq \frac{1}{x - 0.75}$

$x \leq -2.1$

2) $\frac{7x}{6} + \frac{x}{2} \geq 5.9$

$x \geq 3.54$

3) $5x - 11.06 < \frac{1}{2}$

$x > 2.27$

$\frac{1}{2}$

5.35

5) $6.37 \geq \frac{4x}{5} - 3$

$x \leq 11.77$

$(x + 3.05)$

1.77

PREVIEW

Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet.

Log in

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

Sign upwww.mathworksheets4kids.com

7) $x + 12.4 < 6x + 7.5$

$x > 0.98$

8) $\frac{9x + 0.8}{x + 6.4} > 5$

$x > 7.8$