

Solving Equations

ANSWER KEY

1.) $2x + 5 = 3x - 2$

$x=7$

2.) $\frac{3}{4}x + \frac{1}{2} = \frac{5}{8}x - \frac{1}{4}$

$x=6$

3.) $0.4x - 0.2 = 0.6$

$x=2$

4.) $2x + 7 = 3x - 4$

$x=11$

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

$x = \frac{9}{8}$

6.) $0.2x + 0.6 = 1.2$

$x=3$

7.) $4x - 7 = 2x + 5$

$x=6$

8.) $\frac{3}{5}x + \frac{2}{3} = \frac{4}{15}x - \frac{1}{2}$

$x = \frac{-35}{18}$

9.) $0.3x + 0.7 = 1.1x - 0.4$

$x = 1.375$

10.) $3x - 8 = 2x + 4$

$x=12$