

Solving for x

This task is about solving equations for x.

a) Select the correct solution for the equation:

$$2x + 3 = 6$$

<input type="radio"/> $x = \frac{1}{2}$	<input type="radio"/> $x = 1$	<input type="radio"/> $x = 1\frac{1}{2}$	<input type="radio"/> $x = 2$	<input type="radio"/> $x = 2\frac{1}{2}$
<input type="radio"/> $x = 3$	<input type="radio"/> $x = 3\frac{1}{2}$	<input type="radio"/> $x = 4$	<input type="radio"/> $x = 4\frac{1}{2}$	<input type="radio"/> $x = 5$

b) Select the correct solution for the equation:

$$3 - 4x = -7$$

<input type="radio"/> $x = \frac{1}{2}$	<input type="radio"/> $x = 1$	<input type="radio"/> $x = 1\frac{1}{2}$	<input type="radio"/> $x = 2$	<input type="radio"/> $x = 2\frac{1}{2}$
<input type="radio"/> $x = 3$	<input type="radio"/> $x = 3\frac{1}{2}$	<input type="radio"/> $x = 4$	<input type="radio"/> $x = 4\frac{1}{2}$	<input type="radio"/> $x = 5$

c) Select the correct solution for the equation:

$$-4 + 5x = 11$$

<input type="radio"/> $x = \frac{1}{2}$	<input type="radio"/> $x = 1$	<input type="radio"/> $x = 1\frac{1}{2}$	<input type="radio"/> $x = 2$	<input type="radio"/> $x = 2\frac{1}{2}$
<input type="radio"/> $x = 3$	<input type="radio"/> $x = 3\frac{1}{2}$	<input type="radio"/> $x = 4$	<input type="radio"/> $x = 4\frac{1}{2}$	<input type="radio"/> $x = 5$

d) Select the correct solution for the equation:

$$6 + 3x = 9$$

<input type="radio"/> $x = \frac{1}{2}$	<input type="radio"/> $x = 1$	<input type="radio"/> $x = 1\frac{1}{2}$	<input type="radio"/> $x = 2$	<input type="radio"/> $x = 2\frac{1}{2}$
<input type="radio"/> $x = 3$	<input type="radio"/> $x = 3\frac{1}{2}$	<input type="radio"/> $x = 4$	<input type="radio"/> $x = 4\frac{1}{2}$	<input type="radio"/> $x = 5$

e) Select the correct solution for the equation:

$$8x - 2 = 2$$

<input type="radio"/> $x = \frac{1}{2}$	<input type="radio"/> $x = 1$	<input type="radio"/> $x = 1\frac{1}{2}$	<input type="radio"/> $x = 2$	<input type="radio"/> $x = 2\frac{1}{2}$
<input type="radio"/> $x = 3$	<input type="radio"/> $x = 3\frac{1}{2}$	<input type="radio"/> $x = 4$	<input type="radio"/> $x = 4\frac{1}{2}$	<input type="radio"/> $x = 5$

f) Select the correct solution for the equation:

$$6 - x = 2.5$$

<input type="radio"/> $x = \frac{1}{2}$	<input type="radio"/> $x = 1$	<input type="radio"/> $x = 1\frac{1}{2}$	<input type="radio"/> $x = 2$	<input type="radio"/> $x = 2\frac{1}{2}$
<input type="radio"/> $x = 3$	<input type="radio"/> $x = 3\frac{1}{2}$	<input type="radio"/> $x = 4$	<input type="radio"/> $x = 4\frac{1}{2}$	<input type="radio"/> $x = 5$

Published on <https://newzealandcurriculum.tahurangi.education.govt.nz>