

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"/> $x = 5$ |

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