

1. Solve and check: $5y - 2 = 9y + 2$

2. Solve and check: $2 - (7x + 5) = 13 - 3x$

3. Solve: $2x - \frac{2x}{7} = \frac{x}{2} + \frac{17}{2}$ (Hint: clear the fractions first by multiplying by the LCD)

4. Solve: $4x + 7 = 7(x + 1) - 3x$

5. Solve: $4(y + 5) = 21 + 4y$

6. Solve:

a) $20x = -35$

b) $-2.1x = 6.09$

c) $\frac{3}{4}x = 6$

d) $\frac{x}{5} = 2$

e) $-x = -13$