

More on Algebra: Answers

1. Determine the value of x .

a) $8x = -2x + 40$ $x = 4$

a) $3x^2 = 36 - 6x^2$ $x = 2$

2. Determine the value of x .

a) $x/3 = x/6 + 4$ $x = 24$

b) $3x^2 = 12$ $x = \pm 2$

BONUS Question

3. Solve the system of given equations by using an appropriate algebraic method.

c) $x + 2y = 5$ $x = 1$
 $x + 3y = 7$ $y = 2$

d) $y = -2x + 10$ $x = 3$
 $3x = y + 5$ $y = 4$