

To receive credit, you must show your work.

1. Solve each equation

a. $4x + 2 = 22$

b. $9x - 3 = 6x + 18$

c. $4x - 6 - x = 5x + 10$

d. $3(2x - 1) = 2(4x + 7)$

e. $4(x - 2) - 3(x - 1) = 2(x + 6)$

f. $-2(n - 4) - (3n - 4) = -2 + (2n - 1)$

g.

$$-\frac{5x}{4} = \frac{7}{2}$$

h.

$$\frac{h}{6} + \frac{3h}{8} = 1$$

i.

$$\frac{3x + 1}{9} + 2 = \frac{x - 1}{4}$$

j.

$$\frac{2}{5}(4x - 1) + \frac{1}{4}(5x + 2) = 2$$

k.

$$0.07y = 0.42$$

l.

$$0.09(x + 200) = 0.08x + 22$$

m.

$$0.2(x + 0.2) + 0.5(x - 0.4) = 5.44$$

