

Yr 10.  
Term 2 H/W 1

**QUESTION 1** Solve the following one-step equations.

a  $5a = 35$

\_\_\_\_\_

b  $\frac{x}{7} = 3$

\_\_\_\_\_

c  $y - 5 = 16$

\_\_\_\_\_

d  $\frac{a}{3} = 8$

\_\_\_\_\_

e  $\frac{y}{5} = 9$

\_\_\_\_\_

f  $n - 9 = 21$

\_\_\_\_\_

g  $6m = 54$

\_\_\_\_\_

h  $\frac{t}{6} = -7$

\_\_\_\_\_

i  $t - 5 = 17$

\_\_\_\_\_

**QUESTION 2** Solve the following equations.

a  $\frac{x}{5} = 8$

\_\_\_\_\_

b  $7x = -49$

\_\_\_\_\_

c  $m - 6 = 31$

\_\_\_\_\_

d  $4x = 48$

\_\_\_\_\_

e  $\frac{a}{9} = -3$

\_\_\_\_\_

f  $a - 3 = -8$

\_\_\_\_\_

g  $9x = -36$

\_\_\_\_\_

h  $\frac{a}{7} = 9$

\_\_\_\_\_

i  $7 + a = 24$

\_\_\_\_\_

l  $m - 1 = -10$

\_\_\_\_\_

**QUESTION 3** Solve these equations.

a  $3a = 21$

\_\_\_\_\_

b  $-7x = -49$

\_\_\_\_\_

c  $x + 3 = 38$

\_\_\_\_\_

d  $\frac{y}{3} = -6$

\_\_\_\_\_

e  $\frac{m}{6} = -4$

\_\_\_\_\_

f  $a + 5 = 27$

\_\_\_\_\_

g  $5b = -125$

\_\_\_\_\_

h  $-2x = -18$

\_\_\_\_\_

i  $y - 6 = 28$

\_\_\_\_\_

j  $\frac{y}{7} = 12$

\_\_\_\_\_

k  $\frac{n}{8} = 4$

\_\_\_\_\_

l  $12 + x = 41$

\_\_\_\_\_