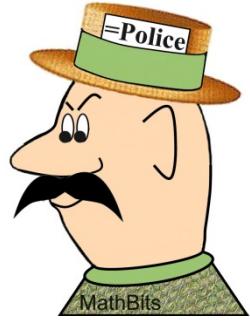# Equivalent Equations

Name_____

Match each equation in Column 1 with its equivalent equation in Column 2.

1. $5x - 4 = 12$

2. $8x + 2 = 10 + 3x$

3. $4x + 12 = 20$

4. $(1/2)x + 4 = 6$

5. $8x - 3 = 21$

6. $3x + 2 = 20 - 5x$

7. $0.2x + 1.2 = 4.4$

8. $10x - 12 + 2x = 0$

9. $4(x + 1) = 2(x - 4)$

10. $4x + 3 + 9 = x$

a. $8x = 24$

b. $x + 8 = 12$

c. $x = -4$

d. $2x + 12 = 44$

e. $2x = -12$

f. $5x = 16$

g. $x = 1$

h. $8x = 18$

i. $2x + 6 = 10$

j. $5x = 8$