PRACTICE TEST 14 ALGEBRA Multi-Step **Distributive with Parentheses**

NAME _____

Place your answer by darkling in the correct circle for each problem.

A.

$3x + 3(-6x-31) = -228$

- ◯ $X = 9$
- ◯ $X = -9$
- ◯ $-X = 9$

G.

$12(3x + 4) = 6(7x + 2)$

- ◯ $-6 = x$
- ◯ $6 = x$
- ◯ $6 = -x$

B.

$-7x + 4(2x + 11) = 50$

- ◯ $X = 8$
- ◯ $X = -6$
- ◯ $X = 6$

H.

$3x - 25 = 11x - 5 + 2x$

- ◯ $2 = x$
- ◯ $2 = -x$
- ◯ $-2 = x$

C.

$3x + 4(-3x-22) = -151$

- ◯ $x = -7$
- ◯ $x = 7$
- ◯ $-x = 7$

I. $-6x + 4 = 4(7 -x)$

- ◯ $X = 12$
- ◯ $-X = -12$
- ◯ $X = -12$

D.

$11x - 3 = 7x + 25$

- ◯ $X = -7$
- ◯ $-X = 7$
- ◯ $X = 7$

J.

$-12(12x+6) = 936$

- ◯ $X = -7$
- ◯ $X = 7$
- ◯ $-X = -7$

E.

$5(2x + 4) = 4(3x + 7)$

- ◯ $-4 = x$
- ◯ $4 = x$
- ◯ $4 = -x$

K.

$-6x + 7(1+3x) = 2(7 + 8x)$

- ◯ $7 = x$
- ◯ $-7 = x$
- ◯ $7 = -x$