

PRACTICE TEST 13 ALGEBRA Solving Multi-Step Equations

NAME _____

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

Hint: Instead of multiplying the number in parentheses divide both sides

<p>A. $-144 = 9(9x + 8)$</p> <p><input type="radio"/> $x = -2$ <input type="radio"/> $x = -9$ <input type="radio"/> $x = 2$</p>	<p>G. $4(-16x + 4) = 672$</p> <p><input type="radio"/> $x = -8$ <input type="radio"/> $x = 8$ <input type="radio"/> $x = 16$</p>
<p>B. $6(-5x + 30) = 450$</p> <p><input type="radio"/> $x = 45$ <input type="radio"/> $x = -9$ <input type="radio"/> $x = 9$</p>	<p>H. $-10(22x - 13) = 310$</p> <p><input type="radio"/> $x = -2$ <input type="radio"/> $x = 2$ <input type="radio"/> $x = 22$</p>
<p>C. $4(6x + 30) = 360$</p> <p><input type="radio"/> $x = 6$ <input type="radio"/> $x = -10$ <input type="radio"/> $x = 10$</p>	<p>I. $3(55x - 150) = 375$</p> <p><input type="radio"/> $x = 10$ <input type="radio"/> $x = -5$ <input type="radio"/> $x = 5$</p>
<p>D. $8(-4x + 29) = 616$</p> <p><input type="radio"/> $x = 12$ <input type="radio"/> $x = -12$ <input type="radio"/> $x = -24$</p>	<p>J. $-10(-8x + 10) = 300$</p> <p><input type="radio"/> $x = 10$ <input type="radio"/> $x = 5$ <input type="radio"/> $x = -5$</p>
<p>J. $3(5x + 56) = 498$</p> <p><input type="radio"/> $x = 55$ <input type="radio"/> $x = -22$ <input type="radio"/> $x = 22$</p>	<p>K. $-5(-3x + 2) = -70$</p> <p><input type="radio"/> $x = -4$ <input type="radio"/> $x = 4$ <input type="radio"/> $x = -3$</p>