Algebra 1 8.2 Multiply a polynomial by a monomial Solve equations involving the product of a monomial and a polynomial

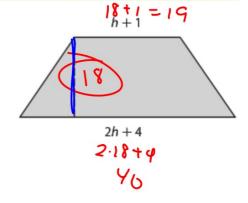
monomial polynomial distributive property like terms

Whiteboards Connect 4 (if time) Area of trapezoid...

Standardized Test Example 3 Write and Evaluate a Polynomial Expression



GRIDDED RESPONSE The theme for a school dance is "Solid Gold." For one decoration, Kana is covering a trapezoid-shaped piece of poster board with metallic gold paper to look like a bar of gold. If the height of the poster board is 18 inches, how much metallic paper will Kana need in square inches?



GuidedPractice

Solve each equation.

4A.
$$2x(x + 4) + 7 = (x + 8) + 2x(x + 1) + 12$$

 $2 \times \cdot \times + 2 \times \cdot \vee$

4B.
$$d(d+3) + d(d-4) = 9d - 16$$

 $d^2 + d \cdot 3 - 1d \cdot 2 - 1d \cdot -4$
 $d^2 + 3d - 1d^2 + 4d = 9d - 16$
 $-7d = 9d - 16$
 $-9d = -9d$
 $-2d = -16$
 $-2d = -16$
 $-2d = -16$
 $-2d = -16$

12.
$$-6(11 - 2c) = 7(-2 - 2c)$$

13. t(2t+3) + 20 = 2t(t-3)

