

Name: _____

Grade 6 Algebra Exit Card

Reduce the following polynomials:

1/ $5X + 7X =$

/2

2/ $4M + 2P - M + 3P =$

Substitute for $X=5$ & $Y=2$ and solve:

3/ $3X + 2Y =$

4/ $5X - 3Y + 10 =$

/3

5/ $2W + X - Y =$

Solve for the unknown X:

6/ $2X + 7 = 13$

8/ $5X + 7 = 3X + 13$

/4

7/ $X \div 2 = 5$

9/ $X - 10 = 2X - 20$

Convert words into an algebraic equation:

A pizza with no toppings costs \$7.⁰⁰. For every topping that is added, it costs 50¢. Write an equation to represent the total cost C given an unknown number of toppings T .

/4

Solve the equation if $T = 5$.