

Transparency 1: Writing Equations

1. Karen works 40 hours a week as a waitress. She earns \$2.75 per hour plus 12% of the customers' purchases for her tips. If x represents the customers' purchases and y represents Karen's weekly earnings, write an equation to represent this relationship.

Transparency 2: Writing Equations

2. Mr. Reynolds sells real estate. He sold a house last week and earned \$2400 in commission. If he earns a 6% commission on each house he sells, what was the selling price of the house?

Transparency 3: Writing Equations

3. Kevin knows the length of each leg of an isosceles triangle is 3 less than twice the length of the base of the triangle. If the perimeter of the triangle is 24 inches, what is the length of the base?