

Name: \_\_\_\_\_

### Math Extended Response Practice Problems

1) How many ways can you make 45 cents without using pennies?

Strategy: \_\_\_\_\_

2) Al, Phil and Joe each live 300 yd. apart. How far must Al walk to visit both friends and then return home?

Strategy: \_\_\_\_\_

3) Eric, Brandon and Chelsea are standing in a straight line for a picture. How many different ways can these children stand in a line?

Strategy: \_\_\_\_\_

4) Loree is buying a car that costs \$4,155. She has \$1,575 and will borrow the rest from her parents. Her payments of \$225 per month pay off her loan in one year?

Strategy: \_\_\_\_\_

5) Dylan has \$85. He saves \$6 the first week, \$7 the second week, \$8 the third week, and so on. How many weeks will it take Dylan to save enough money to buy a game system that costs \$105?

Strategy: \_\_\_\_\_

6) A normal toilet uses 5 gallons of water with each flush. A water-saving toilet uses 3.4 gallons. If the toilet is flushed 30 times a day, how much water is saved by using a water-saving toilet?

Strategy: \_\_\_\_\_