

### 130 WORKSHEET (3.3) CLASSIFY PROBLEMS

Name \_\_\_\_\_

Classify each problem:

1. If I run 3 miles every week, how far will I run in a year?
2. My new classroom has 4 rows with 12 seats each. How many students can sit in this classroom?
3. I want to lay stone 1 foot square tiles in my backyard to make a patio. If I have enough space to lay 4 rows of tiles and I can afford 6 tiles for each row. How much area will my patio cover?
4. At the car dealership, the salesperson offers 5 choices for the exterior color of the car, and 3 choices for the interior color. How many different color combinations are possible?
5. I purchased 84 packets of flavored cocoa in bulk at Costco. If I plan to make gift baskets for 6 people, how many packets of cocoa can I put in each basket.
6. I purchased 60 individually wrapped chocolate squares. I plan to make gift baskets and I want to put 12 squares in each basket. How many gift baskets can I make?
7. A large lecture hall seats 200 people. If there are 5 columns of seats, how many seats must be in each row?
8. I am making ribbon belts for my daughter and their friends. If I have 30 feet of ribbon and I want to belts that are 3 feet long, how many can I make?
9. I want to decorate my gift baskets with ribbon. I have 15 gift baskets, how much ribbon can I use on each one if I have 60 feet of ribbon?
10. I am considering the purchase of a carpet remnant that I am told has an area of  $24 \text{ ft.}^2$ . If the width of the remnant is 2 feet, how long must it be?