Part = Percent × Whole.

Name:

Date:

Roster #:

Problem Set for
G7M4L1-4

Problem Set

1. Represent each situation using an equation. Check your answer with a visual model or numeric method.

   a. What number is 40% of 90?

   b. What number is 45% of 90?

   c. 27 is 30% of what number?

   d. 18 is 30% of what number?

   e. 25.5 is what percent of 85?

   f. 21 is what percent of 60?

2. 40% of the students on a field trip love the museum. If there are 20 students on the field trip, how many love the museum?

3. Maya spent 40% of her savings to pay for a bicycle that cost her $85.

   a. How much money was in her savings to begin with?

   b. How much money does she have left in her savings after buying the bicycle?

4. Curtis threw 15 darts at a dartboard. 40% of his darts hit the bull's-eye. How many darts did not hit the bull's-eye?

5. A tool set is on sale for $424.15. The original price of the tool set was $499.00. What percent of the original price is the sale price?

Problem Set