

Homework Assignment 4A2

(To be used following Lesson 7)

Name: _____ Date: _____

1. Determine the missing number. Explain your strategy for determining the number.

$$n \times 6 = 36$$

$$7 \times 7 \times 2 \times 5 = n$$

Compare the equations. What is the impact on the product when the factor is changed from 6 to 12?

$$3 \times 6 = n \text{ and } 3 \times 12 = n$$

2. Solve each problem and describe your strategy.

Problem A: Daisy collects 4 state quarters each month. How many state quarters will she have at the end of a year?

Problem B: Felipe spent \$15 at the arcade one Saturday. If he spends the same amount at the arcade for the next 4 Saturdays, how much will he have spent?

Problem C: On a field trip to Hatchfield Apple Orchard, each student was given a basket to gather apples. Each basket held 6 apples. If 6 students fill their baskets with apples, what is the total number of apples in the baskets?

If 12 students fill their baskets with apples, what is the total number of apples in the baskets?