Name _____   Date _____

1. The store clerk equally divides 36 apples between 9 baskets. Draw a tape diagram, and label the number of apples in each basket as *a*. Write an equation, and solve for *a*.

2. Elijah gives each of his friends a pack of 9 almonds. He gives away a total of 45 almonds. How many packs of almonds did he give away? Model using a letter to represent the unknown, and then solve.

3. Denice buys 7 movies. Each movie costs $9. What is the total cost of 7 movies? Use a letter to represent the unknown. Solve.

4. Mr. Doyle shares 1 roll of bulletin board paper equally with 8 teachers. The total length of the roll is 72 meters. How much bulletin board paper does each teacher get?

5. There are 9 pens in a pack. Ms. Ochoa buys 9 packs. After giving her students some pens, she has 27 pens left. How many pens did she give away?

6. Allen buys 9 packs of trading cards. There are 10 cards in each pack. He can trade 30 cards for a comic book. How many comic books can he get if he trades all of his cards?

Answer Key

1. Tape diagram drawn and labeled; $36 \div 9 = a$; $a = 4$

2. 5; solution includes an unknown

3. $63; solution includes an unknown

4. 9 m

5. 54

6. 3