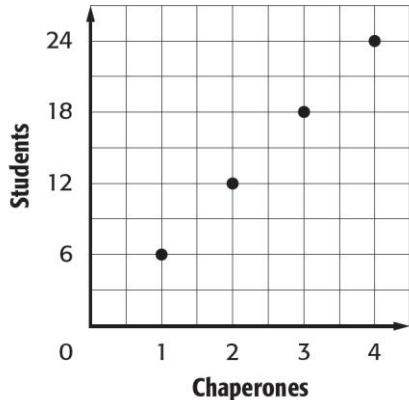


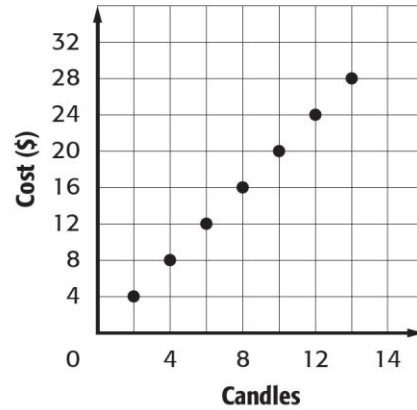
Lesson 9 Problem-Solving Practice

Direct Variation

1. CHAPERONES The number of chaperones needed varies directly with the number of students going on the trip. How many students are there for each chaperone?



2. CANDLES The number of votive candles varies directly as the price. What is the ratio of candles to dollars?



3. BAKING The number of cups of flour varies directly as the number of rolls made. Four cups of flour are needed to make 24 rolls. How much flour is needed for 36 rolls?

4. DISTANCE The number of feet between 2 objects varies directly as the number of miles. If the distance between 2 objects is $2\frac{1}{2}$ miles or 13,200 feet, how many feet are equivalent to a distance of 7 miles?

5. CHEWING GUM The table shows the number of sticks of chewing gum per pack. Find the number of sticks per pack.

Sticks	10	20	30	40
Packs	1	2	3	4

6. WEDDING FAVORS Lucius is making favors for his sister's wedding. If supplies for 25 favors cost \$62.50, how much do supplies for 60 favors cost?