Problem Solving: Choose an Operation

Solve.

1. A movie theater has 34 rows of seats. If there are 15 seats per row, how many seats does the theater have?

2. Hot dogs come in packs of 8. There are 112 hot dogs in a restaurant freezer. How many packs are there?

3. A taxi company is replacing all of the tires on its taxis. Each tire costs $85 and there are 17 taxis. How much will the taxi company pay for tires?

4. A department store received a shipment of porcelain plates. The shipment consisted of 24 equal sized boxes. If plates are sold in sets of 8 and there were 960 total plates in the shipment, how many sets were in each box?

5. There are 32 windows on each of the first 16 floors of a skyscraper. There are 20 windows on each of the remaining floors. If there are 952 total windows, how many floors does the skyscraper have?

6. Pedro has 5,219 mL of fruit punch. When he pours equal amounts of juice into 16 cups that hold up to 400 mL, he has 3 mL left over. How many milliliters does Pedro pour into each cup?