Problem Solving: Use a Simpler Problem

Solve.

1. The grocery store is 30 miles from Anthony’s house. The toy store is $1 \frac{1}{5}$ times farther. How far is the toy store from Anthony’s house?

2. Each week, the Walker family has a family movie night. Last week, they watched a 98-minute movie. This week, the movie they watched was $1 \frac{1}{2}$ times longer. How long was this week’s movie?

3. At a party, Tara’s friends ate 60 cookies. Garth’s friends ate 1.75 more cookies than Tara’s friends. How many cookies did Garth’s friends eat?

4. Lucy’s hair is $1 \frac{1}{4}$ times longer than Jenna’s hair. If Lucy’s hair is 30 centimeters long, how long is Jenna’s hair?

5. Tim has a 64 MB memory card and a 32 MB memory card for his digital camera. The 64 MB card is 68% full, and the 32 MB card is 44% full. Which card has more empty memory, and by how many MB?

6. Drew has $756 in his checking account. Drew has 1.09 times less than Taylor and $1 \frac{1}{4}$ times more than Joe. How much money do Taylor and Joe have in their checking accounts?