

Problem Solving: Draw a Picture and Write an Equation

Draw pictures to solve each problem.

1. Terrence has 16 trophies and he wants to put an equal number on 4 shelves. How many trophies will he have on each shelf?

2. Jody is making a sculpture of her dog. If the sculpture is 6 inches long and her dog is 7 times as long as the sculpture, how long is Jody's dog?

3. Lisa has 45 megabytes of space left on her flash drive. She has 5 files that are the same size that will fill up the space. How many megabytes are the files?

4. A store is displaying boxes of a new video game in 7 rows. If the store has 49 copies of the game, how many games are in each row?

5. Mrs. Lopez is 54 and has a daughter who is six years more than a third of her age. Which expression below shows how old Mrs. Lopez's daughter is?
A $54 + 6 \div 3$ **B** $54 \div 3 + 6$ **C** $54 \div 6 + 3$ **D** $54 + 3 \div 6$
6. **Writing to Explain** Jillian wants to organize her CD collection into wooden crates. Each crate holds 8 CDs. Jillian has 48 CDs. How can she use a picture to figure out how many crates she needs?

