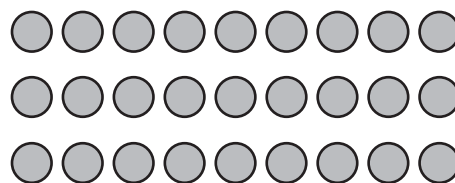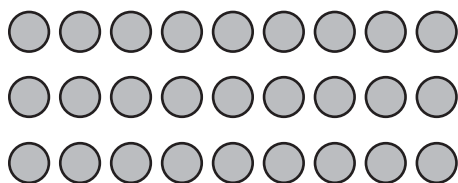# Problem Solving: Draw a Picture and Write a Number Sentence

You can draw a picture to help you divide.

Neil has 54 CDs. He has the CDs equally placed among 6 shelves. How many CDs can go on each shelf?

Draw a diagram to show the problem. Make 6 rows with the same number of CDs until you reach 54.

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○○○○○○○○○   ○○○○○○○○○

Write a number sentence: $54 \div 6 = 9$.

Check your answer by using multiplication: $6 \times 9 = 54$.

Neil can put 9 CDs on each shelf.

Draw a diagram to show what you know.
Then write a number sentence and solve.

1. There are 5 cars taking students to a museum. Each car can seat 4 students. How many students can go to the museum?

2. There are 16 players competing in the beach volleyball tournament. There are 8 teams competing. How many players are on each team?

3. **Communicate** Sandy said she could use addition to answer question 1. How could this be done?