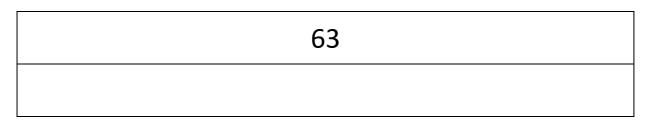# Assessment task: Multiplicative number problems

Solve these number problems.

1. There 24 books on a bookcase. Each shelf has four books.
Which equations help you find out how many shelves are on the bookcase? Choose 2 answers.
a) 24 x 4 = ?
b) 4 x ? = 24
c) 24 ÷ 4 = ?
d) 4 ÷ 24 = ?

2. Explain why are there two answers that are correct.

3. There are 9 cricketers batting on a cricket team. Each cricketer scored the same number of runs. The total was 63.
Represent this problem using an area model.

63

Write two equations that help you work out the number of runs each cricketer scored.

4. Choose one of the following numbers. Write the fact family for that number.

18   32   56   96