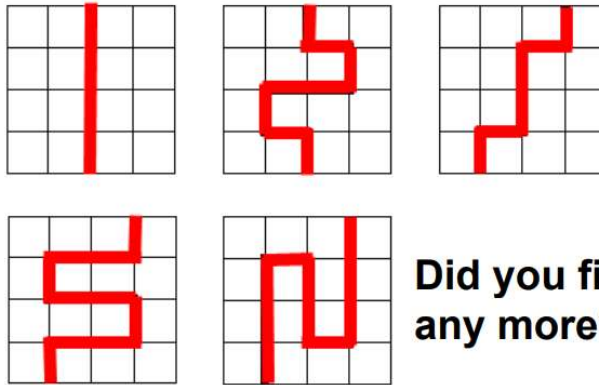


13 07 20 Year 6 Answers

Solution to Four by four



Did you find any more?

Learning Objective:

- Solve mathematical problems or puzzles.
- Visualise 2-D shapes.
- Find fractions of shapes.

Solution to Maze problem

There are two routes that total 100 exactly:

$$+ 6 \times 7 - 6 \times 3 - 8 = 100$$

$$+ 9 \times 7 \div 3 \times 5 - 5 = 100$$

The route giving the highest total is:

$$+ 9 \times 7 - 6 \times 7 - 8 = 391$$

The route giving the lowest total is:

$$+ 6 \times 7 \div 3 \times 3 - 8 = 34$$

Learning Objective:

- Solve mathematical problems or puzzles.
- Add and subtract two-digit numbers mentally.
- Multiply and divide by single-digit numbers.

Solution to A bit fishy

Nasreen bought **4 angel fish**
and **8 goldfish**.

Learning Objective:

- Solve problems involving ratio and proportion.
- Choose and use efficient calculation strategies to solve a problem.
- Explain methods and reasoning.