YEAR 6 · MATHS

Finding Square Roots of Perfect Squares

Practise the inverse relationship between squares and square roots.

Name _____ **Date** _____

√ A square root undoes squaring. Ask yourself: “Which number multiplied by itself gives this number?”

1 Find each square root

Write the square root in each box.

√1 = ☐	√4 = ☐	√9 = ☐
√16 = ☐	√25 = ☐	√36 = ☐
√49 = ☐	√64 = ☐	√81 = ☐
√100 = ☐	√121 = ☐	√144 = ☐

2 Use the inverse relationship

Fill each gap to make the statement true.

□² = 36	√100 = ☐	11² = ☐
□² = 144	√49 = ☐	□² = 64

3 Show how you know

Choose one square root from Question 1. Write a multiplication sentence to check it.

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_____

Challenge

The square root of a number is 11. What is the number? Show how you know.

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