MATHS • YEAR 5

Finding Square Roots of Perfect Squares

Find the square roots of perfect squares from 1 to 144.

Name _____ **Date** _____

Remember: a square root tells you which number is multiplied by itself to make a perfect square.

1 Find each square root

Write each answer on the line.

1. $\sqrt{1} =$ _____
2. $\sqrt{4} =$ _____
3. $\sqrt{9} =$ _____
4. $\sqrt{16} =$ _____
5. $\sqrt{25} =$ _____
6. $\sqrt{36} =$ _____
7. $\sqrt{49} =$ _____
8. $\sqrt{64} =$ _____
9. $\sqrt{81} =$ _____
10. $\sqrt{100} =$ _____
11. $\sqrt{121} =$ _____
12. $\sqrt{144} =$ _____

2 Compare the square roots

Work out each square root, then write <, > or = in the middle box.

$\sqrt{36}$ ☐ $\sqrt{49}$

$\sqrt{100}$ ☐ $\sqrt{121}$

3 Show how you know

Choose one square root from Section 1 and complete the sentences.

I chose √_____. Its square root is _____.

I know because _____ × _____ = _____.

4 Challenge

Find a perfect square from 1 to 144 whose square root is greater than 9.

Write the square number and its square root:

Square number: _____ **Square root:** _____