



Name: _____ **Date:** _____ **Score:** _____ / 32

1 Write down the value of 6^2 (1 mark)

Answer _____

2 Use your calculator to work out $\sqrt{1296}$ (1 mark)

Answer _____

3 Work out the cube of 3. (1 mark)

Answer _____

4 Write down the value of $\sqrt{81}$ (1 mark)

Answer _____

5 Use your calculator to work out 2.5^4 (1 mark)

Answer _____

6 Work out the value of 2^5 (1 mark)

Answer _____

7 Work out the value of $\sqrt[3]{64}$ (1 mark)

Answer _____

8 Work out the value of 0.3^2 (1 mark)

Answer _____

9 Find the value of $\sqrt{0.64}$

(1 mark)

Answer _____

10 Here are six numbers.

9 15 25 27 30 50

a. Write down the cube number.

b. Write down two square numbers.

(3 marks)

Answer _____

11 Work out $\sqrt{36} + 4^2$

(2 marks)

Answer _____

12 Use your calculator to work out the value of 4.6^3

(1 mark)

Answer _____

13 Here are five numbers.

6 9 16 27 40

Write down the two numbers that are powers of 3

(1 mark)

Answer _____

14 Write down the square number that is between 30 and 45

(1 mark)

Answer _____

15 Work out $5^3 - \sqrt{121}$

(2 marks)

Answer _____

16 Use your calculator to work out $\sqrt[3]{1.728}$

(2 marks)

Answer _____

17 a. Work out $(-5)^3$

b. Use your calculator to work out $\sqrt{2.56}$

(2 marks)

Answer _____

18 Liam says,

"When you square a number, the answer is always bigger than the number you started with."

Give an example to show that Liam is wrong.

(2 marks)

Answer _____

19 Aisha says,

"32 can be written as the sum of two square numbers."

Is Aisha correct?

You must show your working.

(3 marks)

Answer _____

20 Write $2 \times 2 \times 2 \times 5 \times 5$ using powers.

(2 marks)

Answer _____

21 $\sqrt{200}$ lies between two whole numbers.

Write down the two whole numbers.

(2 marks)

Answer _____

End of questions | Total 32 marks