A picture containing drawing

Description automatically generated**Estimating roots GREEN**

Explain how we know lies between 5 and 6.

Explain how we know lies between 4 and 5.

Which two consecutive whole numbers is √60 between?

Which two consecutive whole numbers is between?

Approximately how long is a side of a square that has an area of 90 cm²?

Approximately how long is an edge of a cube with a volume of 200 m³?

A picture containing drawing

Description automatically generated**Estimating roots AMBER**

Explain how we know lies between 5 and 6.

What are the square numbers above and below 30?

Explain how we know lies between 4 and 5.

What are the cube numbers above and below 110?

Which two consecutive whole numbers is between?

What are the square numbers above and below 60?

Which two consecutive whole numbers is between?

What are the cube numbers above and below 30?

Approximately how long is a side of a square that has an

Use square numbers…

area of 90 cm²?

Use cube numbers…

Approximately how long is an edge of a cube with a volume

of 200 m³?

A picture containing drawing

Description automatically generated**Estimating roots RED**

Use your 1 – 100 grid to help you!

Explain how we know lies between 5 and 6.

What are the square numbers above and below 30?

4² =

5² =

6² =

7² =

Explain how we know lies between 4 and 5.

What are the cube numbers above and below 110?

2³ =

3³ =

4³ =

5³ =

Which two consecutive whole numbers is between?

What are the square numbers above and below 60?

Which two consecutive whole numbers is between?

What are the cube numbers above and below 30?

Approximately how long is a side of a square that has an

Use square numbers…

area of 90cm²?

= ?

Use cube numbers…

Approximately how long is an edge of a cube with a volume

of 200m³?

= ?