11 Plus Hub

Square & Cube Numbers Worksheet

Activity 1 Key Terms

Use the number below to answer the questions.

4^2

a) What do you call the regular number (4)?

b) What do you call the small raised number (2)?

Activity 2 Squared and Cubed

a) Which index is expressed as squared?

b) Which index is expressed as cubed?

Activity 3 Calculate the Values

Find the value of each of the following.

1) 5^3 =

2) 7^3 =

3) 9^2 =

4) 4^3 =

5) 10^2 =

6) 12^2 =

Activity 4 Challenge Questions

Find the value of each of the following.

1) 11^2 =

2) 15^2 =

3) 20^3 =

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Square & Cube Numbers Worksheet

Activity 1 Key Terms

Use the number below to answer the questions.

4^2

a) What do you call the regular number (4)? **Base**

b) What do you call the small raised number (2)? **Index**

Activity 2 Squared and Cubed

a) Which index is expressed as squared? **2**

b) Which index is expressed as cubed? **3**

Activity 3 Calculate the Values

Find the value of each of the following.

1. $5^3 =$ **125**
2. $7^3 =$ **343**
3. $9^2 =$ **81**
4. $4^3 =$ **64**
5. $10^2 =$ **100**
6. $12^2 =$ **144**

Activity 4 Challenge Questions

Find the value of each of the following.

1. $11^2 =$ **121**
2. $15^2 =$ **225**
3. $20^3 =$ **8,000**