Primary Practice Questions

Cube Numbers

Tips
• Read each question carefully
• Attempt every question.
• Check your answers seem right.
• Always show your workings

Recap

Remember
• There are daily questions found at
  www.corbettmathsprimary.com/5-a-day/

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1. Here is a list of numbers

6  8  11  14  16  18  25  27

From the list, write down the cube numbers

and

2. Write down the value of $1^3$

3. Write down the value of $4^3$
4. Write down the value of $10^3$

5. Write down the value of five cubed

6. Write down the value of $0^3$
7. Circle all the cube numbers

<table>
<thead>
<tr>
<th>36</th>
<th>64</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>52</td>
<td>27</td>
<td>125</td>
</tr>
<tr>
<td>81</td>
<td>300</td>
<td></td>
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</tbody>
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8. Hollie says

“When you cube a number, the answer is always larger.”

Show Hollie is wrong
9. 100 can be found by adding together a square number and a cube number.

\[
\square \text{ square number} + \square \text{ cube number} = 100
\]

Fill in the missing numbers

10. \[9^2 + 2^3\]
11. $6^3$

12. $20^3$

13. $7^3$
14. Write each number in the correct position on the diagram

8 24 27 55 68

Even numbers  Cube numbers

24³
16. 729 is both a square number and a cube number.

**Find two other numbers that are both square numbers and cube numbers**