Week 14

Wednesday 24th June 2020

Year 5 Cube Numbers

Cube Numbers

1a. Match the numbers to their cube numbers.

2^3	1
1^3	64
4^3	8

1b. Match the numbers to their cube numbers.

5^3	0
0^3	27
3^3	125

2a. Use <, > or = to complete the statements below.

5^3 ☐ 125

9 ☐ 3^3

2b. Use <, > or = to complete the statements below.

4^3 ☐ 40

6 ☐ 2^3

3a. Circle the cube numbers.

3　　　9　　　8

12　　15　　6

64　　18　　21

3b. Circle the cube numbers.

23　　13　　27

30　　11　　60

1　　5　　7

4a. Solve the calculations below.

3^3 + 1^3 = ☐

5^3 − 2^3 = ☐

4b. Solve the calculations below.

2^3 + 3^3 = ☐

4^3 − 1^3 = ☐

Cube Numbers

Cube Numbers

5a. Match the numbers to their cube numbers.

6^3	216
9^3	125
5^3	729

5b. Match the numbers to their cube numbers.

8^3	343
12^3	512
7^3	1,728

6a. Use <, > or = to complete the statements below.

7^3 ☐ 434

24 ☐ 8^3

6b. Use <, > or = to complete the statements below.

10^3 ☐ 1,000

215 ☐ 5^3

7a. Circle the cube numbers.

999   261   1,000

343   344   719

152   303   927

7b. Circle the cube numbers.

126   633   133

729   23   512

63   216   279

8a. Solve the calculations below.

8^3 + 2^3 = ☐

11^3 − 4^3 = ☐

8b. Solve the calculations below.

10^3 + 4^3 = ☐

9^3 − 5^3 = ☐

Cube Numbers

9a. Match the calculations to the correct answers.

$9^3 - 5^2$	1,081
$10^3 + 9^2$	1,712
$12^3 - 4^2$	704

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9b. Match the calculations to the correct answers.

$7^3 + 12^2$	612
$11^3 - 6^2$	487
$8^3 + 10^2$	1,295

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10a. Use <, > or = to complete the statements below.

$11^3 + 7^2$ ☐ 1,830

608 ☐ $9^3 - 11^2$

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10b. Use <, > or = to complete the statements below.

$10^3 + 8^2$ ☐ 1,016

1,385 ☐ $12^3 - 7^2$

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11a. Complete the calculations below.

8^3 + $\overline{}_2$ = 593

$\underline{}^3 - 12^2$ = 199

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11b. Complete the calculations below.

9^3 − $\overline{}_2$ = 648

$\underline{}^3 + 12^2$ = 360

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12a. Solve the calculations below.

12^3 + 3^3 − 6^2 = ☐

9^3 − 8^2 + 5^3 = ☐

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12b. Solve the calculations below.

11^3 + 4^3 − 5^2 = ☐

12^3 − 11^2 + 4^3 = ☐

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Challenge

Write the square and cube numbers that match.
Tip: Not all the square and cube numbers have a matching number.

2^2	100	3^3
8^2	64	1^3
6^2	25	5^3
5^2	16	4^3
11^2	121	2^3
4^2	1000	10^3
10^2	125	6^3