

Place value and negative numbers

Compare and round numbers; calculate across zero.

Name: _____ Date: _____

1. Write 6,042,309 in words.

2. What is the value of 7 in 8,735,012?

3. Round 4,678,950 to the nearest million.

4. Round 9,245,801 to the nearest 100,000.

5. Find the difference between -7 and 5.

6. Order from smallest to largest: -12; 3; -4; 0.

7. The temperature falls from 6 °C to -5 °C. How far does it fall?

8. Write the number that is 100,000 less than 3,005,000.

Answers: Place value and negative numbers

Try the questions first. Use these notes to check your thinking.

1. **Six million, forty-two thousand, three hundred and nine.**

Read the millions, thousands and units groups.

2. **700,000**

The 7 is in the hundred-thousands column.

3. **5,000,000**

The hundred-thousands digit is 6, so round up.

4. **9,200,000**

The ten-thousands digit is 4, so round down.

5. **12**

Seven steps to zero, then five more.

6. **-12; -4; 0; 3**

Negative numbers are below zero.

7. **11 °C**

Six degrees to zero and five more below it.

8. **2,905,000**

Subtract 100,000, exchanging across the millions boundary.

Original Trace Learn questions. Curriculum scope: maths programmes of study, Department for Education.
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