1 Use < or > to compare.

-8 〇 2

-27 〇 -43

0 〇 -15

2 The table shows the temperature in Warsaw at different times during the day.

<table>
<thead>
<tr>
<th>Time</th>
<th>6am</th>
<th>10am</th>
<th>2pm</th>
<th>6pm</th>
<th>10pm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-5°C</td>
<td>-3°C</td>
<td>0°C</td>
<td>1°C</td>
<td>2°C</td>
</tr>
</tbody>
</table>

What is the difference in temperature between 10am and 10pm?

°C

The temperature drops 6°C between 10pm and 6am the next day. What is the temperature at 6am the next day?

°C

3 Calculate:

\(-5 - 8 = \) __________

\(3 - (-2) = \) __________

4 Here is an addition pyramid. The number in each box is the sum of the two numbers below it. Complete the addition pyramid.

```
         -4
        /\   \
       /   \ /
    -8    2  -6
```

5 Complete the fact family for the bar model.

\(-20 = -4 \times -4 \times -4 \times -4 \times -4 \times -4 \times -4\)

\(5 \times -4 = -20\)

\(-20 \div 5 = \)

\(__ \times __ = __\)

\(___ \div ____ = ____\)
6  \( a = -3 \) and \( b = 10 \)
Find the value of the expressions.

\[ ab = \]

\[ a^2 - b = \]

7  Solve the equations.

\[ 3a + 9 = 3 \]

\[ -6 = \frac{h}{3} - 7 \]

8  Tick the expressions that are equal to 10

\[ 15 - 8 + 3 \]
\[ \sqrt{16} + 2 \]
\[ -10 + 5 \times 4 \]
\[ 6^3 - 8 \]

9  Ricky says that \( \sqrt{169} = 13 \)
Shanee thinks this is not the only answer. Why might Shanee think this?

10  Evaluate.

\[ -3^3 = \]

Total marks