**5.2 Daily Changes**

**Numeracy Assessment**

Additional work for Activity Book p.59 – 60.

|  |  |  |  |
| --- | --- | --- | --- |
| Time | Temperature | Time | Temperature |
| 6am | 16 | 1pm | 16 |
| 7am | 17 | 2pm | 20 |
| 8am | 23 | 3pm | 24 |
| 9am | 29 | 4pm | 22 |
| 10am | 34 | 5pm | 25 |
| 11am | 35 | 6pm | 28 |
| 12noon | 15 | 7pm | 21 |

1. What is the **highest** temperature recorded during the day? \_\_\_\_\_ **35**

(1 mark)

2. What is the **lowest** temperature recorded during the day? \_\_\_\_\_\_ **15**

(1 mark)

3. **Calculate** the range of temperatures during the day. \_\_\_\_\_\_\_\_ **20**

(1 mark)

4. **Calculate** the average temperature between (and including) 6am and 12 noon.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **24.1 (24 will do)**

(1 mark)

5. **Calculate** the average temperature between (and including) 1pm and 7pm.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **22.28 (22 will do)**

(1 mark)

6. **Calculate** the average temperature for the entire day. \_\_\_\_ **23.2 (23 will do)**

(1 mark)

7. **Calculate** the largest temperature **increase** within a one hour period.

\_\_\_\_\_\_\_\_\_\_\_\_ **6 degrees**

(1 mark)