Are you an arithmetic whizz?

Solve these word problems and show your workings out.

1. The closest that the moon comes to Earth is 363,104km.
   Round this to the nearest thousand kilometres.

2. During the day, the temperature reached 2°C.
   At night it dropped by 8°C.
   How cold did it get during the night?

3. Sarah was asked to make the largest number she could using the following digits:

   7 3 2 8 1 7 9

   What number did Sarah write?