

Bounds Calculations

3) 0.345

4) 46700

5) 1.6 x 10³ x 3.8 x 10³

6) $(2 \times 10^{-4}) \div (5 \times 10^{3})$

machine per day?

7) Each day there are eight million

number of withdrawals per

cash withdrawals from 32000 cash machines. What is the average

- 1) Anthony measured the length and width of a rectangle. He measured the length to be 18cm correct to the nearest centimetre. He measured the width to be 10cm correct to the nearest 10 centimetres. Calculate the lower bound for the area of this rectangle.
- A circular mirror has a diameter of 60cm to the nearest centimetre. Find the greatest possible area of the mirror. Give your answer in cm².
- 3) Identical wooden sheds are displayed side by side along a straight wall in a builders' yard. The sheds are 270 cm wide, measured correct to the nearest 10 cm. The wall is 36 m long, measured to the nearest metre. How many sheds can the builders definitely display along the wall?