



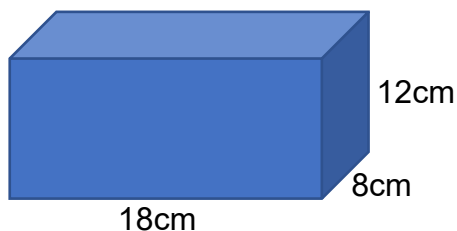
QT Quick Test 3 - Foundation Calculator

1. Jonas invests £6400 at a compound interest rate of 6% per annum. Work out the value of the investment at the end of 3 years. Give your answer to the nearest pence.

2. Annabella bought a new car. The car depreciates by 15% each year. After one year the car is worth £21,165. Work out the price of the car when new.

3. Kairav travelled 60km in 1 hour and 35 minutes. Vicky travelled 80km in 2 hours and 10 minutes. Who has the **lower** average speed? You must show your working.

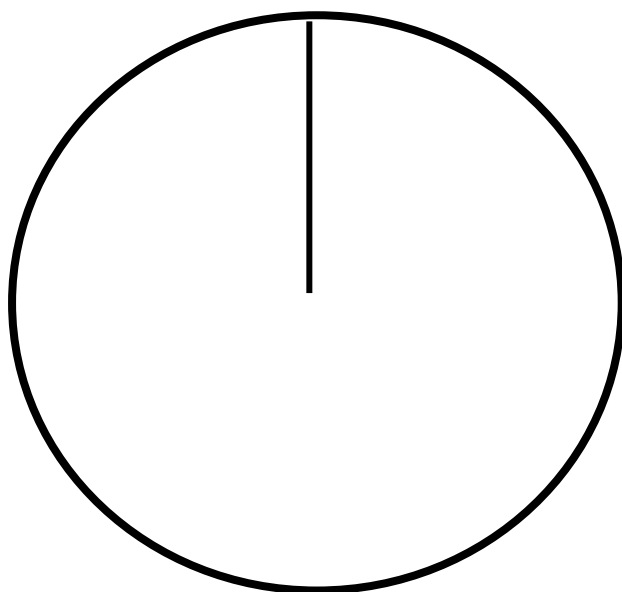
4. A solid cuboid is made of plastic. The plastic has a density of 0.95g per cm^3 . Work out the mass of the cuboid.





5. Amy carries out a survey of 60 people. She asks them their favourite takeaway. The table shows this information. Draw a pie chart to represent this data.

Favourite Takeaway	Frequency
Italian	17
Indian	9
Turkish	18
Chinese	12
Other	4



6. Use a ruler and compasses to construct a 60° angle at A. you must show all your construction lines.

