

Handout 6.2

Mental, written or calculator?

- 1 Three friends shared £411 equally. How much did each receive?
- 2 In a large human sculpture the length of one arm is 420 cm. The ratio of the length of the upper arm to the lower arm is 3 : 4. How long is each section?
- 3 Rashida travelled 532 miles for work last month. She is paid 35p a mile for the first 250 miles and 20p a mile for the remainder. How much will she receive?
- 4 $6200 \div 125 =$
- 5 A turkey is cooked for 45 minutes per kilogram plus 20 minutes. How long would you cook a 5.2 kg turkey?
- 6 A ferry leaves Hull at 22:45 and arrives in Rotterdam at 05:20 the next day. How long did the journey take?
- 7 On a school outing, 372 pupils and 12 adults are due to travel by coach. How many 51-seater coaches will be needed?
- 8 The mass of an object is 0.312 kg and its volume is 0.12 m^3 . Density is mass divided by volume. What is the density of the object?