

Workshop questions

- 1) Find $\frac{3}{4}$ of £480
- 2) My kitchen is 3.2 metres wide and 4.5 metres long. Work out the area in m^2
- 3) The population of Scotland is 5,168,500. Round that to the nearest hundred thousand
- 4) The population of Edinburgh is 446,110. Round that to the nearest ten thousand.
- 5) The population of Dundee is 142,000 to the nearest thousand. What is the *largest* population that Dundee could have that would round to 142,000? (tricky)
- 6) Find $\frac{2}{5}$ of £1 540
- 7) What is 10% of £450?
- 8) Find 21% of £450 as quickly as you can
- 9) A (rather small) computer hard drive contains 80 Gigabytes of information. A gigabyte is (roughly) 1000 megabytes. A megabyte is (roughly) 1000 kilobytes. A fast internet connection can download information at the rate of 500 kilobytes per second. How long would it take to send a hard drive full of information?
- 10) Algernon is paid £7.50 per hour recycling Christmas cards. He clocks up 27 hours one week and then 16 hours in a second week. He works for 8 hours in each of the following two weeks. How much did Algernon earn in the four week pay period?
- 11) Round £457.67 to the nearest pound
- 12) Freda buys a low fat bagel for £1.75 and then has a cup of tea for 65pence and a banana for 40p. How much change will she expect to see from a £5 note?
- 13) What is $\frac{1}{4} + \frac{3}{8}$?
- 14) What is half of a half?
- 15) Find 15% of £400
- 16) VAT is going back up to 17.5% at the end of the month. You can work out VAT by finding 10% (one tenth) of the amount, then halving that to find 5%, and then halving again to find 2½%. Then you add up all three of these amounts.
Find 17.5% of £350.
- 17) What is £45.75 rounded to the nearest 10 pence?
- 18) How many millimetres are in 7.8 centimetres?
- 19) How many metres are in 0.2 Km?
- 20) Aaron was born in 1927. How old is he this year?