

## Numeracy Worksheet 2

*Perform calculations in everyday contexts.*

1. A service for the car costs £39.50. **VAT** is a further £16.20. What is the total price?
2. Seven friends go to dinner. The total bill is £82.81, which they decide to share equally. How much should everyone pay?
3. Somaya gets paid £7.50 an hour. If she works 14 hours at the weekend how much does she earn?
4. Pria earns £1283.45 **gross** pay in a month, but has to pay £111.34 tax. What is her **net** pay?
5. Supasave sell boxes of 48 Weetabix at £1.75, and boxes of 24 Weetabix at 95p. Which box gives the best value for money?

*Round to the nearest unit in context.*

6. Round £4.54 to the nearest pound
7. Round 3.2 metres to the nearest metre.
8. A multi packet containing 6 bags of crisps costs 65p. Find the cost of each bag of crisps to the nearest pence.

*Use fractions and percentages in context.*

9. A TV normally costs £129, but is reduced in price by 10%
  - (a) What fraction is the same as 10%?
  - (b) How much is the saving on the TV?
10. What fraction is the same as 25%?
11. Find the discount if a £135 CD player is reduced by 25%.

*Use 12-hour and 24-hour times for simple problems involving time.*

12. A TV programme begins at 9:35 a.m. and finishes at 11:20 a.m. How long does the programme last?
13. (a) In the timetable below, when does the Bus leave Manchester?  
(b) How long does the train take to get from Manchester to Swindon?

	<b>Bus</b>	<b>Train</b>
Liverpool	1421	1403
Manchester	1506	1455
Derby	1821	1712
Swindon	2023	1911

14. The table below shows hotel prices.
  - (a) How much does it cost to rent a Luxury Room for two nights?
  - (b) How much does it cost to rent a Single Room and a Twin room, for one night?

	<b>1 night</b>	<b>2 nights</b>	<b>3 nights</b>
Single Room	£39	£75	£89
Twin Room	£49	£86	£110
Double Room	£59	£110	£140
Luxury Room	£95	£169	£220

15. Morag arrives at the station at 0957 for a train leaving at 1015.
  - (a) How long does she wait?
  - (b) She took 14 minutes to walk to the station. What time did she leave home?

*Select the appropriate unit of measurement for length, weight or volume.*

16. For each item, choose which unit you would use:

- (a) The weight of a person (grammes or kilogrammes).
- (b) The volume of a bath (millilitres or litres).
- (c) The length of an ant (centimetres or metres).

17. Which units would you use for the following?

Choose from:

kilometres metres centimetres millimetres  
kilograms grams litres millilitres

- (a) Weight of a car
- (b) Distance to cycle between two cities

*Order everyday objects according to weight or volume.*

18. Arrange these objects, starting with the **lightest**:

Apple Pencil CD Brick

