Numeracy Worksheet 1

Use the four operations with whole numbers.

1. Ahmed bought a book for £9 and paid with a £20 note. How much money did he have left?

2. There are 24 pencils in each box. How many pencils are in 17 boxes?

3. In a school there are 484 pupils, divided into 22 classes. How many are in each class?

4. A TV costs £129 and a bookcase £79. What is the total price?

5. Lisa wants three wooden shelves, 1320mm, 1440mm and 1550mm in length.

    (a) What is the total length of wood required?

    The supplier only has 5000mm lengths of wood.

    (b) what length of wood will be left after the three shelves have been cut from one 5000mm length?

6. The two curtains covering the lounge window need replacing. Each curtain requires 214cm of material.

    (a) How much material is needed to replace the pair of curtains?
    (b) How much material will be left over from a 500cm piece of material?

7. On holiday, the Fraser family drive 30 miles to Fort Augustus, then 34 miles on to Inverness, and finally 58 miles up to Ullapool.

    (a) How far is their total journey?

    (b) They stop for a break 16 miles before Ullapool, how far have they travelled up to that point?

8. A town centre club sells 223 tickets for a disco at £12 each.
How much money is brought in?

9. A cleaning contractor cleans 9 rows of windows, with 15 windows in each row.
How many windows does he clean?

10. Pete hires a car for 6 days at £35 per day. How much is he charged?

11. A minibus can carry 16 people. How many journeys will it need to make to transport 80 people?

Use simple fractions in context.

12. There are 220 cans in a box. How many cans in one quarter of a box?

13. There are 342 pupils in a school. One third of them are girls. How many are girls?

Express numbers given in figures in words, and vice versa.

14. Write 2811 in words.

15. Write four thousand and ninety in figures.

Use money in a range of contexts.

16. Osama bought a CD for £10.99 and a book for £2.25.
(a) What is the total price?
(b) How much change did he get from a £20 note?

17. A can of coke costs 69p. How much do 13 cans cost?

18. A car costs £550. V.A.T. is a

further £85. What is the total price?

19. Three sandwiches cost £6.87. What is the price of one sandwich?

20. Ryan buys a video for £13.95 and some popcorn for £1.89.
    (a) How much is he charged?
    (b) How much change does he get from £20?

21. Jamie's meal costs £22.00, the VAT is £3.85. What is his final bill?

22. The total cost of a meal for three friends was £30.60. If they share the cost equally what does each one pay?

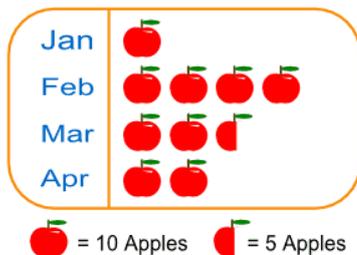23. A butcher sells sausages at £1.35 per kg. What would 4kg of sausages cost?

Interpret and use information.

24. The table below shows cinema prices:

Time of Day	Adult	Child
Morning	£6.80	£5.30
Afternoon	£8.80	£7.30
Evening	£9.20	£7.50

   (a) How much does it cost for an Adult to go to the cinema in the morning?
   (b) How much does it cost for two adults and two children to visit the cinema in the evening?

25. The pictograph shows the number of apples a family eats each month:

= 10 Apples   = 5 Apples

   (a) How many apples were eaten in April?

(b) In which month were most apples eaten?

26. When ordering a new car there are three options for the size(small, medium, large) and three options for the colour (red, white, blue).

   Copy this table and show **five** more possible ways you can buy a car:

Size	Colour
Large	Red
Small	Blue

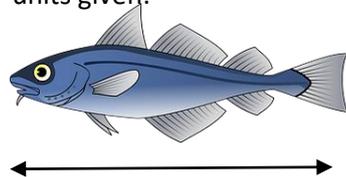*Select the appropriate unit of measurement for length.*

27. What units should you use to measure each of the following lengths and distances?

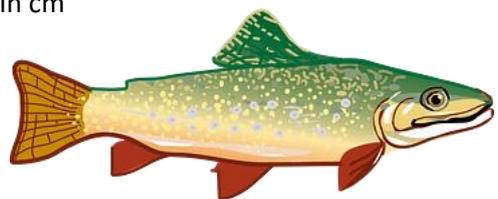   Choose from: millimetres, centimetres, metres and kilometres.

   (a) The height of the school
   (b) The distance from Glasgow to London
   (c) The width of your jotter

Measure to a required degree of accuracy

28. Measure the following objects in the units given:

   (a) In cm

   (b) In mm