Name:

Maths Assessment Year 2: Measurement

1. Choose and use appropriate standard units to estimate and measure to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.

2. Compare and order lengths, mass, volume/capacity and record the results using >, < and =.

3. Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.

4. Find different combinations of coins that equal the same amounts of money.

5. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.

6. Compare and sequence intervals of time.

7. Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.

8. Know the number of minutes in an hour and the number of hours in a day.
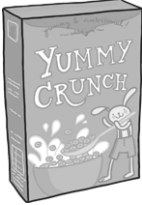
Name: Date:

# Maths Assessment Year 2: Measurement

1. Choose and use appropriate standard units to estimate and measure to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.

   a) Draw a line from the measurement to what it is used for.

Metres	How cold?	
Kilograms	How much?	
°Celsius	How heavy?	
Millilitres	How high?	

1 mark

Measure the following objects.

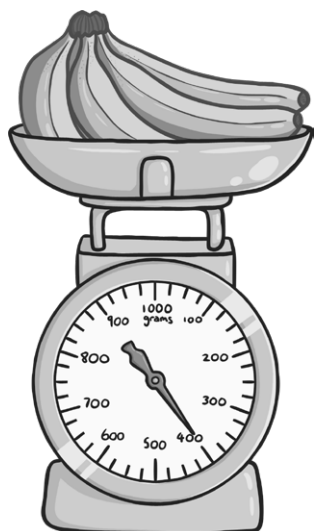b) How tall is the mouse's house? Use a ruler. Measure to the nearest cm.
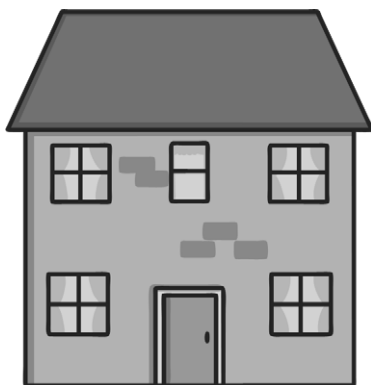
1 mark

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c) How much do Maisie's bananas weigh?

d) Zach's bananas weigh half as much. How much do his bananas weigh?
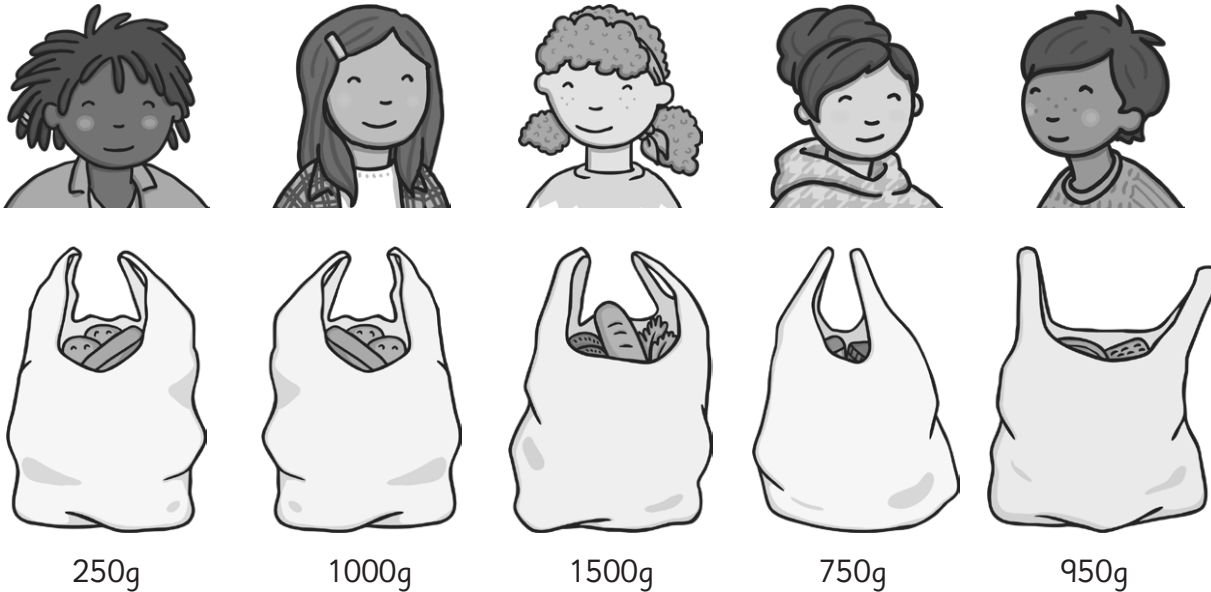
e) Estimate how much liquid is in the jug.

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2. Compare and order lengths, mass, volume/capacity and record the results using >, < and =.

a) These children have been shopping. Who has the heaviest bag? Number their bags from 1-5 to order them from the heaviest to the lightest.

| 250g | 1000g | 1500g | 750g | 950g |

b) Put   <   >   or   =   in these sentences.

1 litre ☐ 750ml

1kg ☐ 1000g

90cm ☐ 1m

3. Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.

Hassan has one pound and seventy-five pence in his wallet. Circle the coins that he might have.

Write one pound and seventy-five pence using digits. ☐

**4.** Find different combinations of coins that equal the same amounts of money.

Hannah has 20p in her purse. She has more than one coin. What coins might she have? Find 4 different ways to do it.
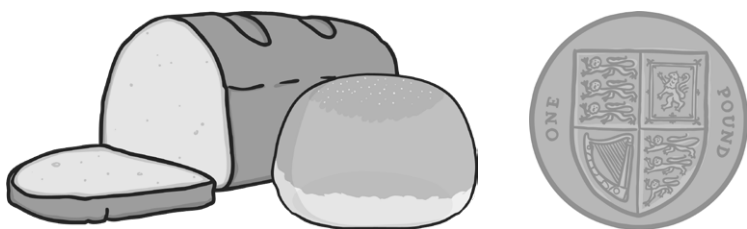
5. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.

a) Alison buys a chocolate bar and a hat. How much does she spend?

27p

53p
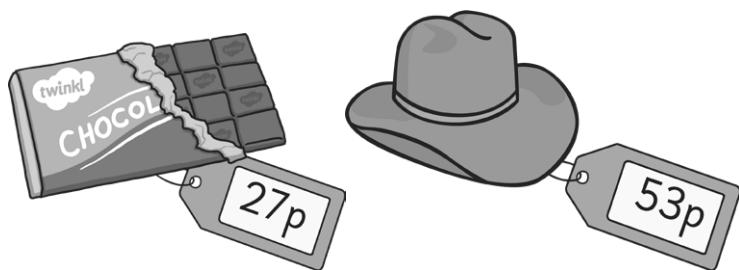
b) John's dad spends 78p on bread. How much change will he get from £1?

6. Compare and sequence intervals of time.

Put these intervals of time in order from shortest to longest.

weeks	hours	minutes	years	seconds	months

7. Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.

Put hands on the clocks so they show the times shown below.
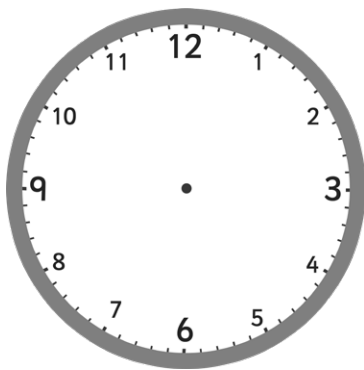
a) quarter past 5
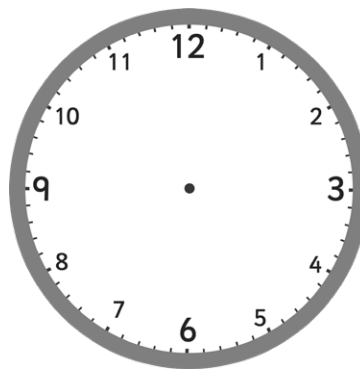
b) 20 past 7

What time do the following clocks show?

c) [   ]

d) [   ]

8. Know the number of minutes in an hour and the number of hours in a day.

a) How many minutes in 1 hour? [   ]

b) How many hours in 1 day? [   ]

c) How many hours in 2 days? [   ]

question	answer	marks	notes
1. Choose and use appropriate standard units to estimate and measure to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.			
a		1	1 mark for all correct
b	5cm	1	Award ½ a mark if the child has answered correctly but not put cm in the answer box
c	400g	1	Award ½ a mark if the child has answered correctly but not put g in the answer box
d	200g	1	Award ½ a mark if the child has answered correctly but not put g in the answer box
e	Accept between 700 and 800 ml	1	Award ½ a mark if the child has answered within the range but not put ml in the answer box
2. Compare and order lengths, mass, volume / capacity and record the results using >, < and =.			
a	5, 2, 1, 4, 3	1	Award one mark all correct
b	1 litre **>** 750ml 1kg **=** 1000g 90cm **<**1m	3	1 mark for each correct answer
3. Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.			
	Circled - £1,50p,20p,2p.2p,1p £1.75	2	1 mark for the coins correctly circled to the value of £1.75 1 mark for the value written correctly with a pound sign and decimal point (accept incorrect formation of £ sign as long as there is evidence that it is in place)
4. Find different combinations of coins that equal the same amounts of money.			
	Accept any combinations of coins which total 20p	4	1 mark for each correct combination Do not accept one 20p coin
5. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.			
a	80p	1	Award ½ mark if unit of measure has not been used
b	22p	1	Award ½ mark if unit of measure has not been used

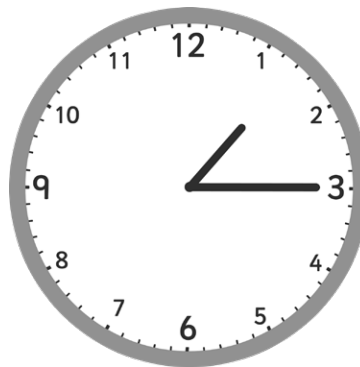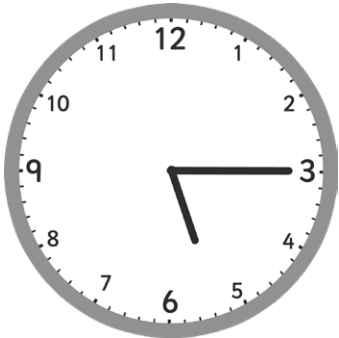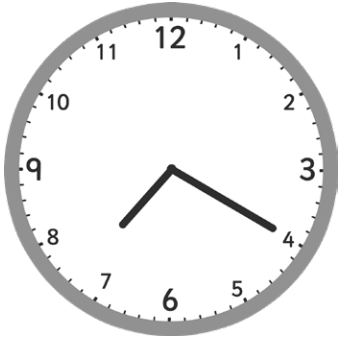| question	answer	marks	notes
6. Compare and sequence intervals of time.			
	Seconds, minutes, hours, weeks, months, years	1	
7. Tell and write the time to five minutes, including quarter past / to the hour and draw the hands on a clock face to show these times.			
a	5:15	1	Accept hands where it is clear which is minutes and which is hours. Hour hand should be closer to 5 than 6.
b	7:20	1	Accept hands where it is clear which is minutes and which is hours. Hour hand should be closer to 7 than 8.
c	10.40 or 20 to 11	1	
d	1.15 or quarter past 1	1	
8. Know the number of minutes in an hour and the number of hours in a day.			
a	60	1	
b	24	1	
c	48	1	
		Total 25	