Name: Date:

/25 total marks

Maths Assessment: 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) Tick the boxes of which objects you would measure in metres.

length of a sharpener ☐

distance around the earth ☐

height of a house ☐

length of a classroom ☐

1 mark

b) Draw a line 2cm longer than this line. Use a ruler.

1 mark

c) How tall is Jack?

1 mark

d) Jack's younger sister is half his height. How tall is she?

1 mark

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e) There is 150g of flour on the scales for a cake. Mark the arrow to show 150g on the scale.

1 mark

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

a) Here are some pieces of string. The length of each piece is written beneath. Write the sizes in order from the smallest to the largest.

34cm **107cm** **1m** **2m** **65cm**

smallest largest

1 mark

b) Complete the following by writing a number to make the sentences correct.

1kg > ☐ g

☐ cm < $\frac{1}{2}$ m

1 litre = ☐ ml

3 marks

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

Sara's mum gives her one pound thirty-six pence to buy some pencils. Ring the coins that she might use.

Write one pound thirty-six pence in figures:

2 marks

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

Marosh pays 21p for a packet of crisps. What coins might he use? Find 4 different ways to make 21p.

4 marks

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

a) Albie buys a carton of juice and a chocolate bar. How much does she spend?

1 mark

b) Jan's mum spends 32p on a packet of stickers. How much change will she get from £1?

1 mark

6. Compare and sequence intervals of time.

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

4 days	2 weeks	1 week	1 month	10 days

1 mark

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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) 7 o'clock

b) twenty five to 3

2 marks

What time do the following clocks show?

c)

d)

2 marks

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

a) How many minutes in one hour?

b) How many minutes in two hours?

c) How many hours in 2 days?

3 marks

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Answer Sheet: Maths Assessment: Measurement

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	Line of 8cm	1	
c	1.2m or 1m 20 cm or 120cm	1	Award ½ a mark if the child has answered correctly but not put m/cm in the answer box.
d	60cm or 0.6m	1	Award ½ a mark if the child has answered correctly but not put m/cm in the answer box.
e	Line drawn to 150g	1	Line should be pointing to mark between 100g and 200g.
2. Compare and order lengths, mass, volume/capacity and record the results using >, < and =.			
a	34cm, 65cm, 1m, 107cm, 2m	1	Award 1 mark all correct.
b	1kg > **less than 1000g** **less than 50cm** < $\frac{1}{2}$m 1 litre = **1000 ml**	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, 20p, 10p, 5p, 1p (accept other correct answers) **£1.36**	2	1 mark for the coins correctly circled to the value of £1.36. 1 mark for the value written correctly.
4. Find different combinations of coins that equal the same amounts of money.			
	Accept any combinations of coins which total 21p.	4	1 mark for each correct combination.
5. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.			
a	72p	1	Award ½ mark if unit of measure has not been used.
b	68p	1	Award ½ mark if unit of measure has not been used.

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question	answer	marks	notes
6. Compare and sequence intervals of time.			
	4 days, 1 week, 10 days, 2 weeks, 1 month	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	7:00	1	Accept hands where it is clear which is minutes and which is hours. Hands should be pointing to 12 and 7.
b	2:35	1	Accept hands where it is clear which is minutes and which is hours. Hour hand should be roughly half way between 2 and 3.
c	9.15 or quarter past 9	1	
d	12.25 or twenty-five past 12	1	
8. Know the number of minutes in an hour and the number of hours in a day.			
a	60	1	
b	120	1	
c	48	1	
		Total 25	

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