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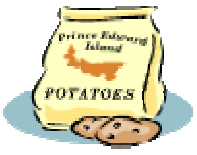
Name_____ Date_____

Choosing sensible units

Milligrams, grams and kilograms

Do you think these measurements are sensible?
If they are not, what do you think they should be?

Item	Measurement	Answer Yes or No	If No, what should it be
	A new born baby weighs 3 grams		
	A small family car weighs 120 kilograms		
	A feather weighs 5 grams		
	A apple might weigh about 120 grams		
	A male adult African elephant can weigh up to 700 kilograms		
	One tablet contains 500 milligrams aspirin		
	A tin of baked beans weighs 400 grams		
	A sack of potatoes weighs 250 kilograms		

Kindly contributed by Dave Norgate, Bromley Adult Education College.

MSS1/E3.8 Choose and use appropriate units and measuring instruments (a) know metric units of length, weight and capacity.

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Name_____ Date_____

Choosing sensible units

Litres and millilitres

Do you think these measurements are sensible?
If they are not, what do you think they should be?

Item	Measurement	Answer Yes or No	If No, what should it be
	A medicine spoon holds 5 litres		
	A wine bottle holds 70 centilitres		
	The human body contains 4 millilitres of blood		
	The average petrol tank holds 45 litres		
	A tin of paint holds 50 litres		
	A can of cola is 33 millilitres		
	A jet airliner can hold 75,000 litres of fuel		
	An ordinary bath holds 16 litres of water		

Kindly contributed by Dave Norgate, Bromley Adult Education College.

Name_____ Date_____

Choosing sensible units

Millimetres, Centimetres and Metres

Do you think these measurements are sensible?
If they are not, what do you think they should be?

Item	Measurement	Answer Yes or No	If No, what should it be
	A pencil is 17 millimetres long		
	A baby is 500 centimetres long		
	A house is about 7 metres high		
	A pound coin is 2 metres across		
	A piece of paper is less than 1 millimetre thick		
	A male giraffe can grow up to 5.5 metres in height		
	A rugby pitch is approx 100 metres long		
	If someone completes a marathon they will have run 4,000 metres		

Name_____ Date_____

Choosing sensible units

Answers

Measurement	Answer Yes or No	If No, what should it be
A new born baby weighs 3 grams	No	3 Kilograms
A small family car weighs 120 kilograms	No	1200 kilos
A feather weighs 5 grams	Yes	
An apple might weigh about 120 grams	Yes	
A male adult African elephant can weigh up to 700 kilograms	No	7,000 kilos
An aspirin tablet contains 500 milligrams	Yes	
A tin of baked beans weighs 400 grams	Yes	
A sack of potatoes weighs 250 kilograms	No	25 kilograms
A medicine spoon holds 5 litres	No	5 millilitres
A wine bottle holds 70 centilitres	Yes	
The human body contains 4 millilitres of blood	No	4 litres
The average petrol tank holds 45 litres	Yes	
A tin of paint holds 50 litres	No	5 litres
A can of cola is 33 millilitres	No	330 millilitres
A jet airliner can hold 75,000 litres of fuel	Yes	
An ordinary bath holds 16 litres of water	No	160 litres
A pencil is 17 millimetres long	No	17 centimetres
A baby is 500 centimetres long	No	50 centimetres
A house is about 7 metres high	Yes	
A pound coin is 2 metres across	No	2 centimetres
A piece of paper is less than 1 millimetre thick	Yes	
A male giraffe can grow up to 5.5 metres in height	Yes	
A rugby pitch is approx 100 metres long	Yes	
If someone completes a marathon they will have run 4,000 metres	No	40,000 metres

Kindly contributed by Dave Norgate, Bromley Adult Education College.