MEASUREMENT 2

REMEMBER

METRIC – IMPERIAL APPROXIMATE CONVERSIONS	
1 kg ≈ 2 $\frac{1}{4}$ lb	1 gallon ≈ 4.5 litres
1 m ≈ 1 yard +(10%)	1 foot ≈ 30 cm
1 litre ≈ 1 $\frac{3}{4}$ pints	1 metric tonne ≈ 1 imperial ton
1 inch ≈ 2.5 cm	1 mile ≈ 1.6 km

1) Fill in the gaps in the following table:

IMPERIAL TO METRIC			
1 inch(in) ≈	dm	1 foot(ft) ≈	dm
1 yard(yd) ≈	dm	3 yards(yd)≈	dam
1 mile(mi)≈	m	5 inches(in) ≈	mm
5 feet(ft)≈	dm	3 ton≈	kg
2 gallons(gal)≈	l	6 pounds(lb)≈	kg
5 pints(pt) ≈	l	12 miles(mi)≈	km
17 pints(pt)≈	dm^3	24 inches(in) ≈	cm

2) Fill in the gaps in the following table:

METRIC TO IMPERIAL			
10 cm≈	in	15 dm≈	ft
18 m≈	yd	5 dam≈	yd
12 km≈	mi	55 mm≈	in
5 t≈	lb	35 kg≈	lb
24 l≈	gal	6 l≈	pt
2 m≈	ft	540 m≈	mi
350 cm^3≈	pt	2 km≈	yd

3) Ken buys 12 gallons of petrol, how many litres is that? How much does he pay if 1 litre of petrol costs 1.15 €?

4) At the supermarket I bought 1 lb of bananas, 1.1lb of tomatoes, 0.55lb of apples and 2.2lb of potatoes. How many kilos did I buy?

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5) Katy drives for 4 hours at 64 miles per hour. How far does she go (in kilometres)?

6) Linda drank yesterday: 1.5 pints of water, 1 pint of orange juice and 0.5 pints of tea. How many litres did she drink?

7) A gorilla weighs 400 lbs and stands 5 ft tall. Give an estimate of the gorilla's weight and height in metric system.

8) Ron is decorating the park for a party. The park is rectangular shape of 39ft 3in by 37ft 9in. Find the length (in metres) of the string he needs to border the park.

9) A baker needs 68 kg of flour this month. He has a stock of one 90 lb bag and another 30 lb bag. Does he need to buy more? If yes, how much?

10) Anne travels 25 feet per second on her bicycle. How many kilometres per hour does she travel?