

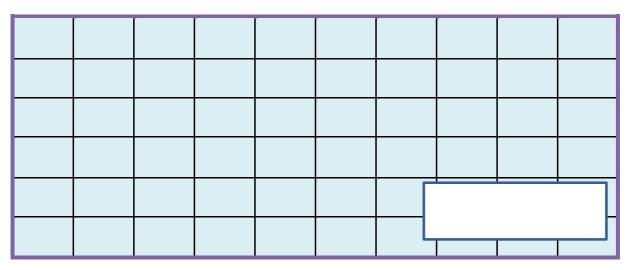
Prior learning assessment



Ratio and proportion Year 6

1) Mrs Sonpal wants to make a juice drink for all the children taking		
part in sports day. She uses a recipe which states use 2 cups of		
pineapple juice to every 3 cups of orange juice.		
This ratio is recorded as		
2:3		
She pours 8 cups of pineapple juice into the jug. How many cups of orange juice does she need to pour in?		

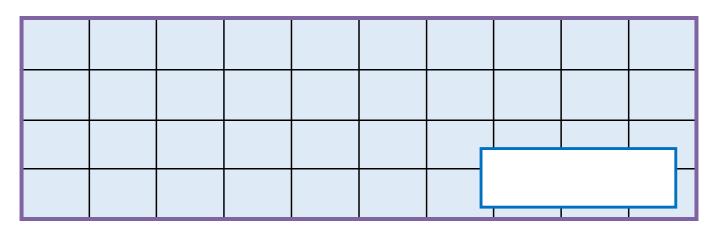
2)Pick a mix sweets cost 80p for every 100grams. Skyla has £1 to spend. How many grams of sweets can she buy?



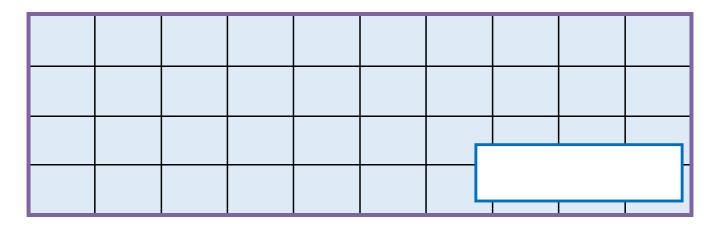


3) Answer these questions:

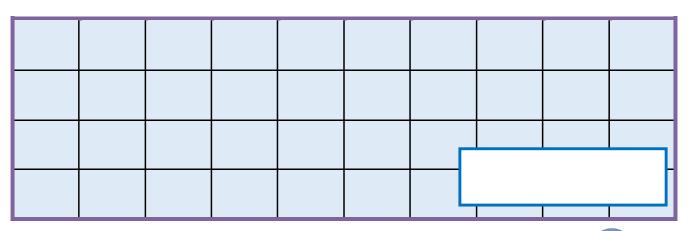
a) 25% of 360 =



b) 12% of £25.00 =

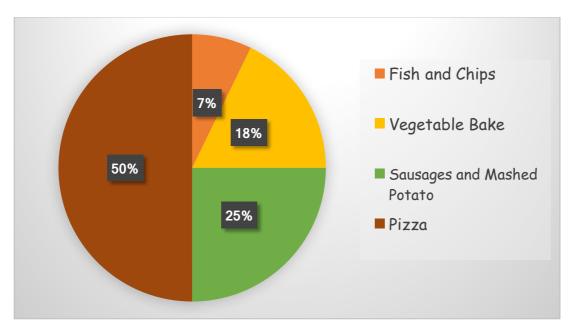


c) 30% × 900=





4)Holy Primary School asked all the children to vote what is their favourite school dinner from a selection on the menu. 180 pupils voted.



How many children voted for sausage and mashed potato?

children



5)All Saints Primary School is designing a new allotment in the school grounds. Here is a rough plan of the allotment.



3 m

6m

When designers draw the final design they often use a scale to help produce an accurate plan. Draw the plan of the allotment to scale using the rule below.

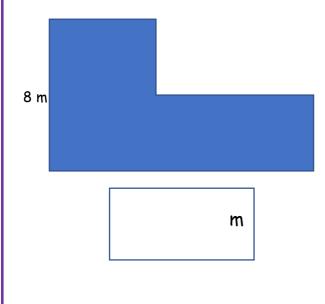
Scale = 1m : 2.5cm



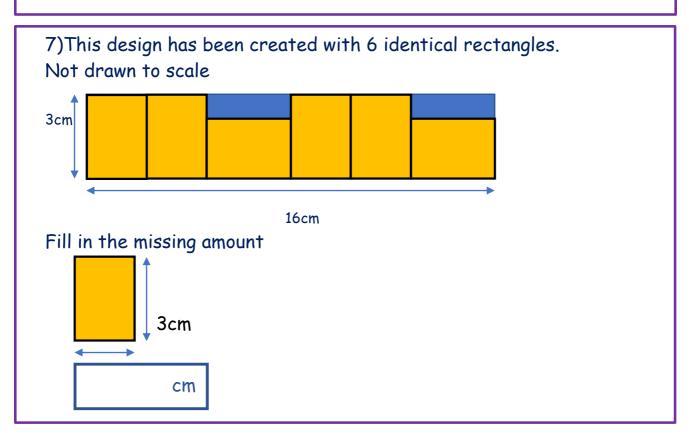
6) The builders of All Saints School have designed a plan of a new classroom. However, some tea was spilt on the drawing.

Complete the missing amount on the plan using the information provided to help.

Drawn to scale



Scale 2m: 1 cm





8)Atlanta buys a bag of sweets which contain 50 sweets. She eats 8 sweets on the journey home.		
She then shares the rest of the sweets equally with Jake and Harry. How many sweets do they have each?		
9) Jacob, Shriya and Daniyal played a throwing game. Work out how many points each person won.		
Altogether they received 109 points.		
Jacob received the least amount of points.		
Shriya received 8 points more than Jacob. Daniyal received 20 points more than Jacob.		
Jacob= Shriya=	Daniyal=	



10)Rishi wants to make a loaf	of bread. He finds	this recipe to use.	
500g strong white bread]		
flour			
40g butter			
12g dried yeast			
2 tsp salt			
300ml warm water			
a little olive oil			
He notices that he only has 30g of butter in the fridge.			
He must change the amount of will cook and rise.	of all the ingredients	s so that the bread	
a) How much yeast will he now need to use?			
b) How much flour will he nov	v need to use?		

