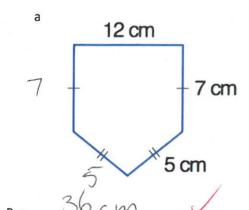
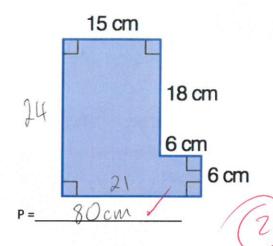
Year 11 Essentials <u>Mini Test 1.3</u> Rates, Perimeter and Area



Resources allowed: Calculator and 1 x A4 page one side

Ν	lame: ANSWUS	one side	Seconaary	Co
	Show all working out for full marks	Total:	20 /20	
1.	What unit of measurement would you use to measure the following things a. Flow rate of a hose? Lites/Minute			[3]
	b. Speed of a bird flying? Kilometres/how		3	
	c. Swimming speed of a human?			
	Metres/minute			
2.	If you have a 2.5m piece of wood, and you needed 6 pieces cut, estimate how be?(nearest 10cm)		1.70	2]
	40 × 6 = 240 cm : 40 cm	approx	(2))
3.	If a room is 6.2 metres long, and 4.8 meters wide, estimate how big is the ro (hint- draw a diagram and don't give exact answer)	om is to the n		er? 3]
	6m x 5m= 30m²		3	





5. Use the following table to convert these imperial units to SAE

ose the following table to convert these imperial units to SAE [8]		
IMPERIAL	METRIC	
1 inch	2.54cm	
1 foot	30.4cm	
1 yard	91.44cm	
1 mile	1.609km	

b

a. 30 feet to meters

b. 40 inches to centimetres

c. 65 metres to yards



d. 60 miles to Kilometres

6. If 1 square foot is equal to 0.093m2, how big is a 2500 square foot house in m2?[2]

