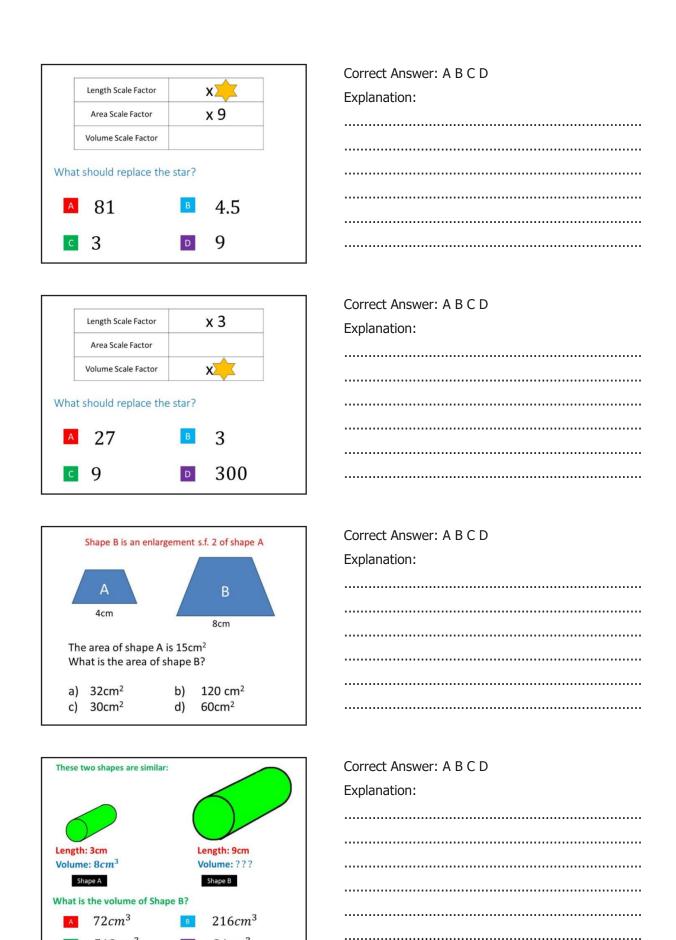
New Maths GCSE: G19 - Length, Area and Volume Scale Pacto

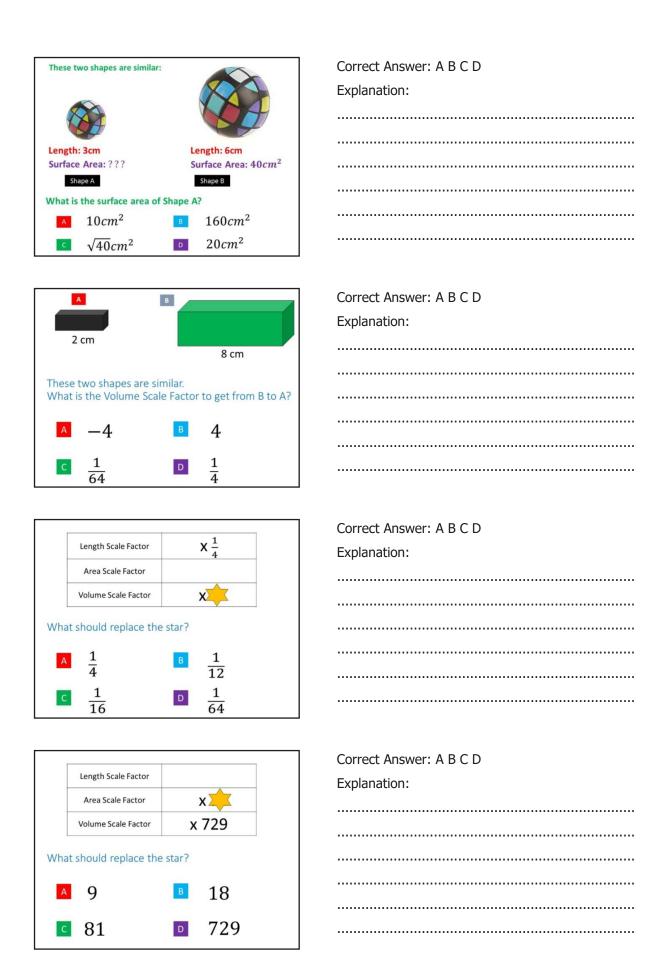


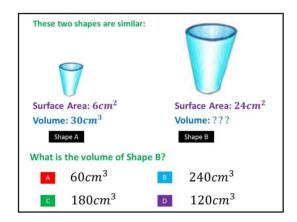
Name:		Date:
		Correct Answer: A B C D
6 cm	X cm	Explanation:
6 cm		
4 cm		
	12 cm	
The above two shapes are similar. What is the value of x?		
A) 18 cm	12 cm	
14 cm	D) 24 cm	
14 (111	24 (111	
These two shapes are similar:		Correct Answer: A B C D
		Explanation:
Length: 3cm	Length: 9cm	
Surface Area: $10cm^2$	Surface Area: ???	
Shape A	Shape B	
What is the surface area of Shape B? $100cm^2 \qquad \qquad 16cm^2$		
90cm ²	D 30cm ²	
		Correct Answer: A B C D
		Explanation:
10 cm	50 cm	
Those two shapes are si	milar	
These two shapes are similar. What is the Area Scale Factor to get from A to B?		
A 40	B 10	
_ 40	10	
c 5	D 25	



 $512cm^{3}$

 $24cm^3$





Correct Answer: A B C D
Explanation: