Name: Date:				KC2 Ouiz		
Unit title: Gears and pulleys KS2 Quiz						
1	What can be described as a wheel with teeth?					
Α	A pulley.					
В	A gear.					
С	A gear system.					
D	A pulley system.					
2	Which gear in this system would spin the slowest?					
Α	A.					
В	B.					
С	C.					
D	None - they would all spin at the same speed.					
3	If gear A spins clockwise which gear will spin anti-clockwise?					
Α	B.					
В	C.					
С	B and C.					
D	None - they all spin in the same direction.					
4	Order the gears to increase the output force by the largest possible amount.	5	What can be describe grove that a rope or			
Α	A, B, C.	Α	A gear.			
В	A, C, B.	В	A gear system.			
С	B, C, A.	С	A pulley.			
D	C, B, A.	D	A pulley system.			
6						
	How many pulleys are in this pulley system	r				
Α	One.					
В	Two.					
C	Five.					
D	None - this is a gear system.					

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7	Which pulley system will decrease the size of the effort (force) needed	d to lift the weight?			
Α	A.				
В	B.				
С	C.				
D	All of them.				
8	Which of the following can be used for a market research survey?				
Α	The eco-gadget must be safe to use.				
В	Is the eco-gadget bike made from sustainable materials?				
С	The class wants to make smoothies without using electricity.				
D	What creative activities would you like an eco-gadget bike to do?				
9	Which of the following can be used for a problem statement?				
Α	The eco-gadget must be safe to use.				
В	Is the eco-gadget bike made from sustainable materials?				
С	The class wants to make smoothies without using electricity.				
D	Sustainability is important to our brand.				
10	Design a pulley system for this crane. Draw and annotate the diagraworks.	m to explain how it			