

DAY 4- CAPTAIN PHASMA STAAR Wars : 5th grade Science Review

Force, Motion, and Energy- 5.6B(R), 5.6C(R), 3.6B(S)

6. A group of students designed an experiment to see how long it would take to pull a wagon filled with rocks to the end of the playground. They repeated the experiment with the same wagon but took the rocks out. The results of their experiment are displayed on the chart below.

object		Time it takes to pu the wagon	11
Wagon with	rocks	3 minutes 15 seconds	
Wagon wit rocks	hout	1 minute 45 second	ls
Which conclusion best supports the results shown in the table?			
F It took more force to pull the wagon with rocks;			ks;
therefore, taking more time.			
G It took less force to pull the wagon without rocks; therefore, taking more time.			10. Whi
H The students were tired from pulling the wagon			on is b
with the rocks.			Ð
O The wagon v	with rocks to	ook less time to pull.	
7. Which of these is NOT needed to test the electrical conductivity of an object?			G
 energy s 			
A energy's		Wiles	B
© light bul	b (water	0
8. Robert places a picture of an arrow on his desk			sk 11.
and holds a mirror up next to it. Which statement best explains why the arrow appeared backward in the mirror?			ared
	^		

G Refraction

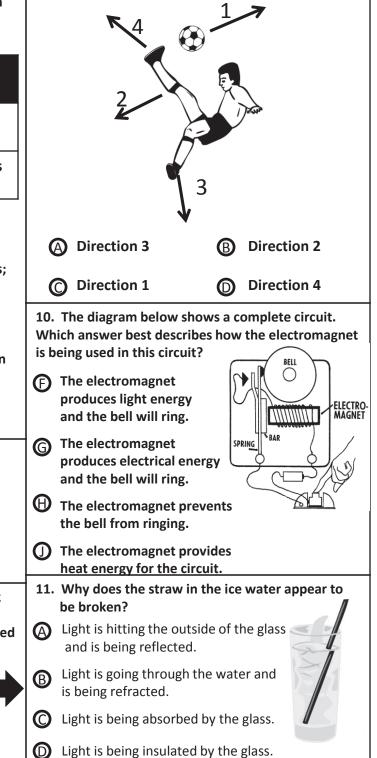
Conduction

(E) Reflection

(H) Absorption

Name____

9. A soccer player kicks a ball in the air. In which direction does the ball most likely move after the soccer player kicks the ball?



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