

Name _____

Hold Em' Up; Magnets

1. Compare the strength of the magnets. Place each magnet onto your backboard and then remove it. Repeat this three times with each magnet. List the magnets from strongest to weakest.

Strongest



Weakest

Word Bank:

Silver rectangle

Black circle

Black square

4. Now let's look at some of the materials we need to hang up. Measure the length, and width of each material and record it in the table below. Hold each material in your hand. Rank them from heaviest (1) to lightest (3).

	Length	Width	Weight
Paper			
Felt			
Cardstock			

5. Using the information you just gathered, predict which magnet will hold up each material. Record your educated guesses in the table below. (Yes or No)

	Silver rectangle magnet	Black circle magnet	Black square magnet
Paper			
Felt			
Cardstock			

6. Now test out your predictions. Test each magnet with each material and record your results in the table.

	Silver rectangle magnet	Black circle magnet	Black square magnet
Paper			
Felt			
Cardstock			

7. Measure the length, and width of each work of art and record it in the table below. Rank them from heaviest (1) to lightest (3).

	Length	Width	Weight
Paper			
Felt			
Cardstock			

8. Hang a piece of thin foam with each magnet type. Count to 30 and remove the magnet. Record your observations in the table below.

	Did it hold up the foam? Yes or No	Did it leave a mark? Yes or No
Silver rectangle magnet		
Black circle magnet		
Black square magnet		

9. Hang your artworks on the backboard, which magnet did you use to hang each piece? Why?

Paper: _____

Felt: _____

Cardstock: _____