Name _____

Math & Science Homework Boxes

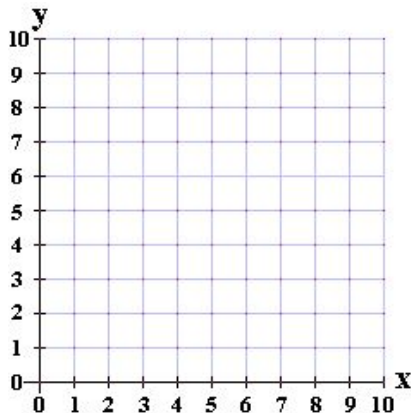| Monday	Tuesday
1. Solve the following problems using your preferred method for multiplication: 556×65 $\qquad$ 245×79 2. A polygon is a closed, two-dimensional figure with at least _____ sides. 3. Draw a figure with one set of parallel sides. 4. Highlight the acute angles, circle the right angles, and write an "O" by the obtuse angles.	1. Based on the definition of a polygon, what does the prefix "poly" mean? 2. Name that polygon! **A quadrilateral with opposite sides congruent and four right angles.** 3. True or False: Pentagons are five-sided figures. 4. What is a similarity between parallelograms and trapezoids? What is a difference?

Wednesday	Thursday
1. True or False: All squares can be classified as rectangles. **Explain your reasoning.** 2. Jane plotted and connected the points in order: A(1, 2), B(3, 2), C(3, 8), and D (1, 8). If Jane connects point D to point A, which figure will she form? How do you know?	1. Draw out the hierarchy of quadrilaterals including all the following terms: *Parallelograms, trapezoids, kites, right trapezoids, rhombuses, polygons, quadrilaterals, rectangles, squares* 2. True or False: *Edit the false statements to be true. - Kites have no parallel sides. - Trapezoids have at least 2 acute angles. - Squares can be rectangles only if their sides are not all the same length. - Parallelograms are the same as rhombuses.

Monday	Tuesday
1. You are walking home from school, and start jumping over cracks in the sidewalk to pass the time. How are the cardiovascular, skeletal, and muscular systems working together in this situation? 2. What is the difference between ligaments and tendons?	1. How do the skeletal and muscular systems work together? 2. Ritvik was playing soccer at recess. He ran down the field, kicked the ball, and scored a goal for his team. Many of Ritvik's body systems worked together to allow him to score the goal. How did his muscular system help him? A. It worked with the skeletal system to produce movement. B. It transported blood through the body to bring oxygen and nutrients to cells. C. It brought air into the lungs to provide needed oxygen for the body. D. It broke down food into nutrients the body needs for energy and growth.
Wednesday	Thursday

1. List at least 3 ways you used your muscular system today:
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•
 	
•
 	
2. Which types of muscles are involuntary (I) and which are voluntary (V)?
___ Smooth Muscle
___ Cardiac Muscle
___ Skeletal Muscle
 	
3. How do the circulatory system and the muscular system work together?
Come up with at least 2 different ways.
	1. Which body system sends electrical signals to all other body systems?
	    A. Circulatory system
	    B. Digestive system
	    C. Muscular system
	    D. Nervous system
	
	2. Which **best** describes the skeletal system?
	A. The skeletal system maintains posture and circulates blood.
	B. The skeletal system allows the brain to function at full capacity.
	C. The skeletal system allows air to circulate through the body into the lungs.
	D. The skeletal system provides support for the body and protects internal organs.
	
	3. What is a possible scenario that shows the nervous system, the skeletal system, the muscular system, and the circulatory system all working together?