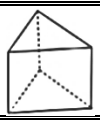
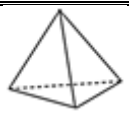
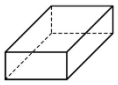
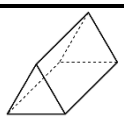
SECRET MESSAGE MATH

Name _____

Can you decode the message? In each row, determine the bases, faces, or lateral faces, as specified. You may need to draw the 3D object, or the net, on a separate piece of paper. Circle the letter next to the greatest value in each row. The first one has been completed for you.

1	Number of bases on a triangular prism 2 	(G)	A	Number of bases on a triangular pyramid 1 
2	Number of bases on a rectangular prism 	E	L	Number of bases on a square pyramid
3	Number of total faces on a triangular prism 	W	O	Number of total faces on a cube
4	Number of total faces on a rectangular prism	M	A	Number of total faces on a square pyramid
5	Number of total faces on a triangular pyramid	Y	E	Number of total faces on a triangular prism
6	Number of lateral faces on a cube	T	S	Number of lateral faces on a triangular pyramid
7	Number of lateral faces on a triangular prism	D	R	Number of lateral faces on a square pyramid
8	Number of lateral faces on a triangular pyramid	R	Y	Number of lateral faces on a rectangular prism
9	Number of triangles needed to build a triangular pyramid	A	S	Number of squares needed to build a cube
10	Number of triangles needed to build a square pyramid	T	W	Number of triangles needed to build a triangular prism
11	Number of squares needed to build a square pyramid	A	I	Number of squares needed to build a triangular pyramid
12	Number of rectangles needed to build a triangular prism	T	R	Number of triangles needed to build a square pyramid

Read the message from top to bottom. What does it say? _____

(**Hint**: It's what you are if you decode this message.)