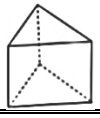
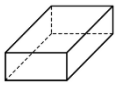
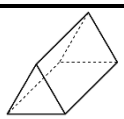
SECRET MESSAGE MATH

Name KEY

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 2 	(E)	L	Number of bases on a square pyramid 1
3	Number of total faces on a triangular prism 5 	W	(O)	Number of total faces on a cube 6
4	Number of total faces on a rectangular prism 6	(M)	A	Number of total faces on a square pyramid 5
5	Number of total faces on a triangular pyramid 4	Y	(E)	Number of total faces on a triangular prism 5
6	Number of lateral faces on a cube 4	(T)	S	Number of lateral faces on a triangular pyramid 3
7	Number of lateral faces on a triangular prism 3	D	(R)	Number of lateral faces on a square pyramid 4
8	Number of lateral faces on a triangular pyramid 3	R	(Y)	Number of lateral faces on a rectangular prism 4
9	Number of triangles needed to build a triangular pyramid 4	A	(S)	Number of squares needed to build a cube 6
10	Number of triangles needed to build a square pyramid 4	(T)	W	Number of triangles needed to build a triangular prism 2
11	Number of squares needed to build a square pyramid 1	(A)	I	Number of squares needed to build a triangular pyramid 0
12	Number of rectangles needed to build a triangular prism 3	T	(R)	Number of triangles needed to build a square pyramid 4

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

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