

Algebra

For each number trick, write a shorthand method. Then describe the final result. The first one is started for you.

1	Words	Shorthand
	Pick a number.	N
	Add 5.	$N + 5$
	Multiply by 3.	$3N + 15$
	Subtract 6.	
	Divide by 3.	
	Subtract your original number.	

The final result is _____.

2	Words	Shorthand
	Pick a number.	
	Subtract 2.	
	Multiply by 3.	
	Add 6.	
	Divide by 3.	
	Subtract your original number.	

The final result is _____.

Geometry

Write *yes* or *no* to tell whether the attribute must describe a prism or pyramid.

Attributes	Prisms	Pyramids
3 All faces are polygons.		
4 It has 2 parallel, congruent bases.		
5 One of its faces can be any polygon. The rest of its faces are triangles.		
6 It has more vertices than faces.		
7 The number of vertices equals the number of faces.		
8 It is three-dimensional.		