

Building into Long Division

65 triangles

65 ÷ 3 = ?

3	65	10
	-30	
	35	10
	-30	
	5	1
	-3	21
	2	

Steps:

1. Division is also looked at as repeated subtraction. However, taking away groups of 3 will take forever.
2. We will put multiple groups of 3 together to save time and decrease risk of error.
3. I decide to use 10 groups of 3 first. I know my 10 times tables really well. (10x3)=30. You could start with any amount of groupings.
4. I have more than 30 left so I decide to take away another 10 groups of 3
5. We now only have 5 left. I can only take 1 group of 3 away. There are 2 left. This is less than 3 so I know I have a remainder.
6. Add up all the groups of 3 that you used.

