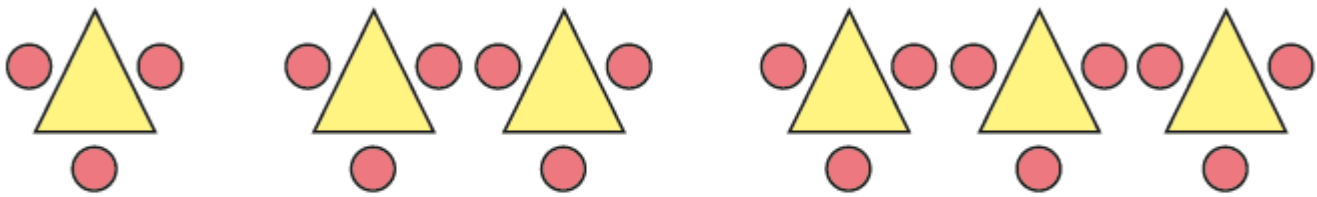


Scott builds a pattern using triangles and circles.



a) Draw the next diagram in the pattern.

b) Scott records the number of triangles and circles in a table.

Complete the table.

Number of triangles	1	2	3	4	5
Number of circles	3				

a) Complete the table.

Number of weeks	1	2	3	5	10
Number of days	7				

b) Complete the formula to show the relationship between days (d) and weeks (w).

$$d = \boxed{} w$$

c) How many days are there in 32 weeks?