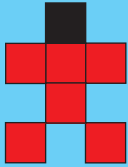# Terrific Tiles

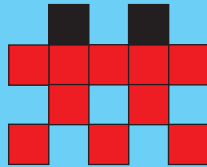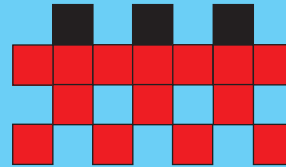**You need** ☑ pattern blocks (optional)

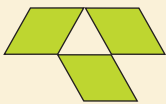## Activity

1.

1 person
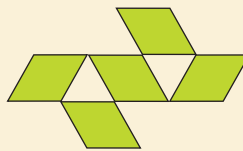7 tiles

2 people
12 tiles

3 people
17 tiles

How many tiles would you need to make the pattern with 10 people?

2.
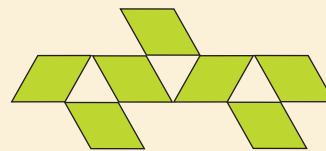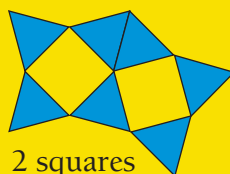
1 triangle
3 rhombuses

2 triangles
5 rhombuses

3 triangles
7 rhombuses

How many rhombuses would you need to make the pattern with 10 triangles in it?
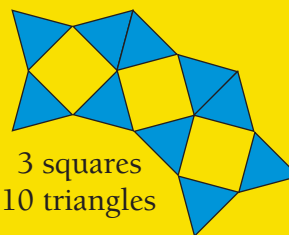
3.

1 square
4 triangles
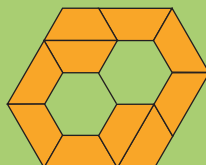
2 squares
7 triangles

3 squares
10 triangles

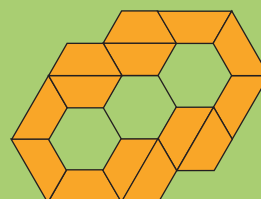How many triangles would you need to make the pattern with 10 squares in it?

4.

1 hexagon
6 trapezia

2 hexagons
10 trapezia

3 hexagons
14 trapezia

How many trapezia would you need to surround 10 hexagons that are linked together in this way?

Finding and applying rules for sequential patterns