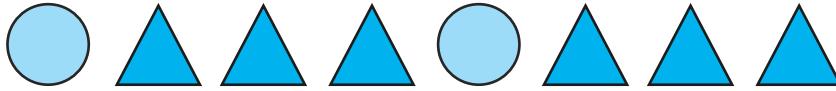


Complete the sentences to describe the relationship between the quantities of each shape.

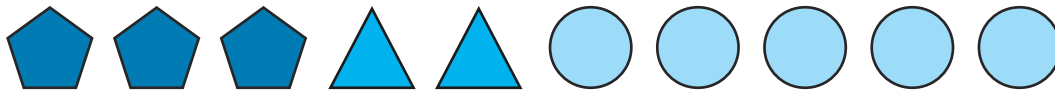


1)



- a) For every 1 circle, there are _____ triangles.
- b) For every 2 circles, there are _____ triangles.
- c) For every 3 circles, there would be _____ triangles.
- d) For every 12 triangles, there would be _____ circles.

2)



- a) For every 3 pentagons, there are _____ triangles and _____ circles.
- b) For every 10 circles, I would have _____ pentagons.
- c) For every 6 triangles, I would have _____ pentagons.
- d) For every 40 shapes, I would have _____ triangles, _____ pentagons and _____ circles.

3)



- a) For every 1 banana, there are _____ apples.
- b) For every 3 bananas, there are _____ apples.
- c) For every 21 apples, I would have _____ bananas.
- b) For every 40 pieces of fruit, I would have _____ bananas and _____ apples.

- 1) In Mrs Hull's year 6 class, there are 4 boys for every 1 girl.
Based on the ratio above, which statements could be true about Mrs Hull's class?
Explain your answers fully.



- a) There are 15 boys and 15 girls in Mrs Hull's class.

- b) There are 5 girls and 20 boys in Mrs Hull's class.

- c) There are 13 boys in Mrs Hull's class.

- 2) Explain if you agree, partially agree or disagree with each of the children's statements about the shapes below. If you disagree, explain why.



Bisma

a

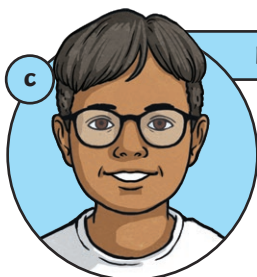
There are 6 squares for every 1 triangle.



Sara

b

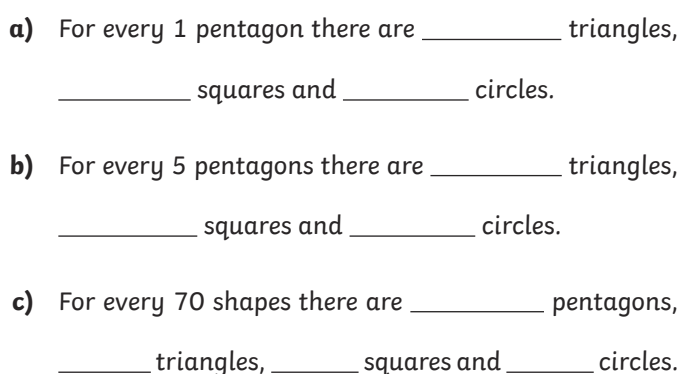
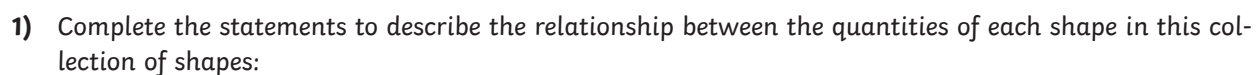
For every 6 circles, there are 9 squares and 4 triangles.



Morgan

c

For every 24 shapes, there would be 4 triangles, 8 circles and 9 squares.



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- A collection of various fruits including oranges, lemons, apples, and bananas. There are 3 oranges, 3 lemons, 5 apples, and 8 bananas in total.

Total: _____

[illegible]

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