



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

1)



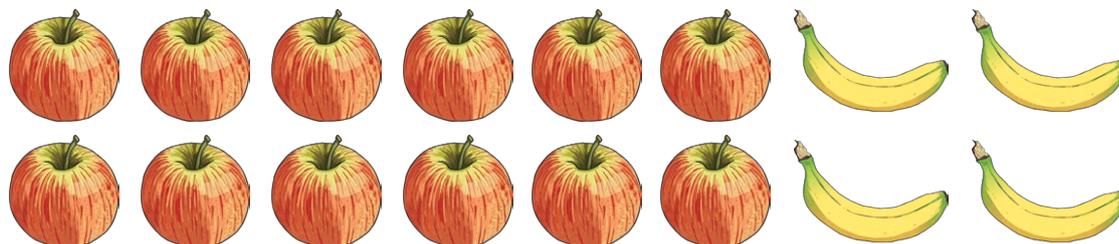
- a) For every 1 circle, there are _____ triangles.
- b) For every 2 circles, there are _____ triangles.
- c) For every 3 circles, there would be _____ triangles.
- d) For every 12 triangles, there would be _____ circles.

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.

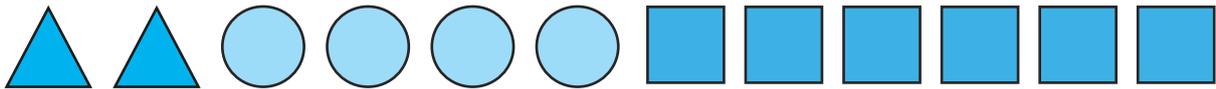


- a) There are 15 boys and 15 girls in Mrs Hull's class.

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

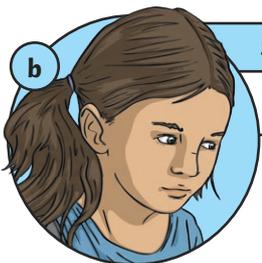
- c) There are 13 boys in Mrs Hull's class.

- 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.



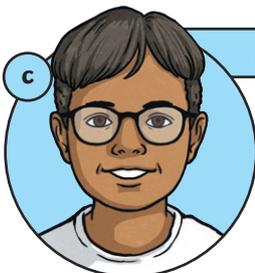
Bisma

- 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.
