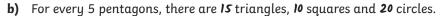
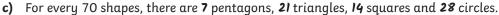
- 1) a) For every 1 circle, there are 3 triangles.
 - b) For every 2 circles, there are 6 triangles.
 - c) For every 3 circles, there would be 9 triangles.
 - For every 12 triangles, there would be **4** circles.
- 2) a) For every 3 pentagons, there are 2 triangles and 5 circles.
 - b) For every 10 circles, I would have 6 pentagons.
 - c) For every 6 triangles, I would have 9 pentagons.
 - d) For every 40 shapes, I would have 8 triangles, 12 pentagons and 20 circles.
- 3) a) For every 1 banana, there are 3 apples.
 - b) For every 3 bananas, there are 9 apples.
 - c) For every 21 apples, I would have **7** bananas.
 - d) For every 40 pieces of fruit I would have 10 bananas and 30 apples.
- 1) a) This could not be true. There are 4 boys for every I girl, therefore there must be more boys in Mrs Hull's class than girls. They cannot be equal in number.



- b) This could be true. I girl for every 4 boys; 2 girls for every 8 boys; 3 girls for every 12 boys; 4 girls every 16 boys; 5 girls for every 20 boys.
- c) This could not be true. The ratio of girls to boys is I girl to every 4 boys. Therefore, I girl for every 4 boys; 2 girls for every 8 boys; 3 girls for every 12 boys; 4 girls for every 16 boys. There could be more than 13 boys but if there were 13 boys exactly, the ratio of 4 boys for every one girl would not be correct.
- 2) a) Disagree. There are 3 squares for every 1 triangle or 6 squares for every 2 triangles.
 - b) Partially agree. There would be 9 squares but there would actually be 3 triangles, not 4.
 - c) Partially agree. There would be 4 triangles and 8 circles, but there would be 12 squares, not 9.
- 1) a) For every 1 pentagon, there are 3 triangles, 2 squares and 4 circles.









2) It would take 7 weeks to buy 56 apples therefore they would have bought:

Lemons: 21 Bananas: 70 Oranges: 28

Total: 56 + 21 + 70 + 28 = 175



