1)   **a)** *312cm²*   **b)** *520m²*   **c)** *15m²*

2) *Answers will vary but may include rectangles with the following measurements:*
1cm × 30cm, 2cm × 15cm, 3cm × 10cm, 5cm × 6cm

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1) ○ If a square and a rectangle whose sides are not all equal have the same area, they will have the same perimeter.
       They could have different perimeters.

     ○ A square can never have an area greater than 9cm² but less than 16cm².
       They could have sides of between 3cm and 4cm in length.

     ✓ If I cut an 80cm² rectangle into 2 new rectangles, they will have a combined area of 80cm².

2) *6cm and 18cm*

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1) Garage: *60m²*
     Living Room: *144 m²*
     Hallway: *36 m²*
     Kitchen: *60m²*
     Total Area: *300m²*

2) *Children will find different solutions to this problem. The total area of the four rooms should be 300m².*