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| **Question 1:**  The ratio of the length of a side of an equilateral triangle and its height is \_\_\_\_\_\_\_\_\_ |
| **Option A:**  2:1 |
| **Option B:**  1:2 |
| **Option C:** |
| **Option D:**  2 |
| **Correct Option:**  **D** |
| **Solution**  We know, altitude in an equilateral triangle = Side. |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |

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| **Question 2:**  If in the figure given, then the ratio of is\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Option A:** |
| **Option B:** |
| **Option C:** |
| **Option D:** |
| **Correct Option:**  **D** |
| **Solution**  Thus the ratio of |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |

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| **Question 3:**  PQRS is a square of side 6 cm each and T is a mid-point of QR. What is the radius of circle inscribed in. |
| **Option A:** |
| **Option B:** |
| **Option C:** |
| **Option D:**  None of these |
| **Correct Option:**  **B** |
| **Solution**  SR=6  TR=3 (as T is the Mid-point)  ST= = =  Area of  Where, r= Radius of circle inscribed  And s= semi perimeter of Triangle |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |