



1. Which of the following are measures of a right angled triangle ?
 - (i) $PQ = 10 \text{ cm}$, $QR = 11 \text{ cm}$, $RP = 14.87 \text{ cm}$
 - (ii) $PQ = 14 \text{ cm}$, $QR = 20 \text{ cm}$, $RP = 10 \text{ cm}$
 - (iii) $PQ = 11 \text{ cm}$, $QR = 14 \text{ cm}$, $RP = 15 \text{ cm}$
 - (iv) $PQ = 10 \text{ cm}$, $QR = 15 \text{ cm}$, $RP = 14 \text{ cm}$
 - (v) $PQ = 10 \text{ cm}$, $QR = 10 \text{ cm}$, $RP = 10 \text{ cm}$
2. Which of the following are measures of an isosceles right angled triangle ?
 - (i) $HI = 14 \text{ cm}$, $IJ = 13 \text{ cm}$, $JH = 15 \text{ cm}$
 - (ii) $HI = 15 \text{ cm}$, $IJ = 25 \text{ cm}$, $JH = 12 \text{ cm}$
 - (iii) $HI = 15 \text{ cm}$, $IJ = 12 \text{ cm}$, $JH = 11 \text{ cm}$
 - (iv) $HI = 10 \text{ cm}$, $IJ = 10 \text{ cm}$, $JH = 14.14 \text{ cm}$
 - (v) $HI = 15 \text{ cm}$, $IJ = 15 \text{ cm}$, $JH = 15 \text{ cm}$
3. In a right angled triangle, if one of the sides is 20 cm and hypotenuse 101 cm, find the third side
 - (i) 101.00 cm
 - (ii) 100.00 cm
 - (iii) 97.00 cm
 - (iv) 98.00 cm
 - (v) 99.00 cm
4. In a right angled triangle, if the two non-hypotenuse sides are 20 cm and 99 cm, find the hypotenuse
 - (i) 100.00 cm
 - (ii) 103.00 cm
 - (iii) 99.00 cm
 - (iv) 102.00 cm
 - (v) 101.00 cm

Assignment Key

1) (i)

2) (iv)

3) (v)

4) (v)

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