



1. Which of the following are measures of a right angled triangle ?
  - (i)  $OP = 11\text{ cm}$  ,  $PQ = 15\text{ cm}$  ,  $QO = 15\text{ cm}$
  - (ii)  $OP = 14\text{ cm}$  ,  $PQ = 10\text{ cm}$  ,  $QO = 15\text{ cm}$
  - (iii)  $OP = 10\text{ cm}$  ,  $PQ = 21\text{ cm}$  ,  $QO = 13\text{ cm}$
  - (iv)  $OP = 10\text{ cm}$  ,  $PQ = 11\text{ cm}$  ,  $QO = 14.87\text{ cm}$
  - (v)  $OP = 13\text{ cm}$  ,  $PQ = 13\text{ cm}$  ,  $QO = 13\text{ cm}$
2. Which of the following are measures of an isosceles right angled triangle ?
  - (i)  $NO = 10\text{ cm}$  ,  $OP = 10\text{ cm}$  ,  $PN = 10\text{ cm}$
  - (ii)  $NO = 12\text{ cm}$  ,  $OP = 18\text{ cm}$  ,  $PN = 11\text{ cm}$
  - (iii)  $NO = 13\text{ cm}$  ,  $OP = 13\text{ cm}$  ,  $PN = 18.38\text{ cm}$
  - (iv)  $NO = 14\text{ cm}$  ,  $OP = 10\text{ cm}$  ,  $PN = 14\text{ cm}$
  - (v)  $NO = 14\text{ cm}$  ,  $OP = 11\text{ cm}$  ,  $PN = 12\text{ cm}$
3. In a right angled triangle, if one of the sides is 14 cm and hypotenuse 50 cm, find the third side
  - (i) 47.00 cm
  - (ii) 46.00 cm
  - (iii) 50.00 cm
  - (iv) 49.00 cm
  - (v) 48.00 cm
4. In a right angled triangle, if the two non-hypotenuse sides are 20 cm and 99 cm, find the hypotenuse
  - (i) 102.00 cm
  - (ii) 101.00 cm
  - (iii) 99.00 cm
  - (iv) 103.00 cm
  - (v) 100.00 cm

## Assignment Key

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1) (iv)

2) (iii)

3) (v)

4) (ii)

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