



1. Identify the Pythagorean triplet whose smallest number is 8
(i) {8,17,19} (ii) {8,17,18} (iii) {8,16,18} (iv) {8,16,19} (v) {8,15,17}
2. Identify the Pythagorean triplet whose middle number is 48
(i) {15,48,47} (ii) {13,48,49} (iii) {16,48,50} (iv) {15,48,49} (v) {14,48,50}
3. Identify the Pythagorean triplet whose largest number is 17
(i) {8,15,17} (ii) {7,16,17} (iii) {6,13,17} (iv) {9,14,17} (v) {10,16,17}
4. Which of the following is a Pythagorean triplet?
(i) {12,36,38} (ii) {12,34,36} (iii) {12,37,36} (iv) {12,33,37} (v) {12,35,37}
5. Identify the Pythagorean triplet whose one of the numbers is 15
(i) {8,15,17} (ii) {7,15,16} (iii) {9,15,16} (iv) {9,15,14} (v) {10,15,17}
6. Identify the Pythagorean triplet whose smallest number is 12
(i) {12,36,38} (ii) {12,37,38} (iii) {12,36,39} (iv) {12,35,37} (v) {12,37,39}
7. Identify the Pythagorean triplet whose middle number is 63
(i) {17,63,64} (ii) {17,63,62} (iii) {16,63,65} (iv) {18,63,65} (v) {15,63,64}
8. Identify the Pythagorean triplet whose largest number is 82
(i) {19,79,82} (ii) {17,81,82} (iii) {16,78,82} (iv) {18,80,82} (v) {20,81,82}
9. Which of the following is a Pythagorean triplet?
(i) {14,46,50} (ii) {14,49,51} (iii) {14,48,50} (iv) {14,47,49} (v) {14,50,49}
10. Identify the Pythagorean triplet whose one of the numbers is 82
(i) {19,79,82} (ii) {17,81,82} (iii) {20,81,82} (iv) {16,78,82} (v) {18,80,82}

Assignment Key

1) (v)

2) (v)

3) (i)

4) (v)

5) (i)

6) (iv)

7) (iii)

8) (iv)

9) (iii)

10) (v)