



1. Identify the Pythagorean triplet whose smallest number is 14  
(i) {14,50,51} (ii) {14,49,52} (iii) {14,49,51} (iv) {14,50,52} (v) {14,48,50}
2. Identify the Pythagorean triplet whose middle number is 80  
(i) {20,80,82} (ii) {19,80,81} (iii) {18,80,82} (iv) {19,80,79} (v) {17,80,81}
3. Identify the Pythagorean triplet whose largest number is 37  
(i) {14,36,37} (ii) {10,33,37} (iii) {13,34,37} (iv) {11,36,37} (v) {12,35,37}
4. Which of the following is a Pythagorean triplet?  
(i) {20,100,102} (ii) {20,101,100} (iii) {20,97,101} (iv) {20,99,101} (v) {20,98,100}
5. Identify the Pythagorean triplet whose one of the numbers is 20  
(i) {20,101,103} (ii) {20,99,101} (iii) {20,100,103} (iv) {20,101,102} (v) {20,100,102}
6. Identify the Pythagorean triplet whose smallest number is 14  
(i) {14,48,50} (ii) {14,49,51} (iii) {14,49,52} (iv) {14,50,52} (v) {14,50,51}
7. Identify the Pythagorean triplet whose middle number is 99  
(i) {21,99,100} (ii) {20,99,101} (iii) {22,99,101} (iv) {19,99,100} (v) {21,99,98}
8. Identify the Pythagorean triplet whose largest number is 65  
(i) {16,63,65} (ii) {14,61,65} (iii) {18,64,65} (iv) {17,62,65} (v) {15,64,65}
9. Which of the following is a Pythagorean triplet?  
(i) {14,46,50} (ii) {14,49,51} (iii) {14,50,49} (iv) {14,47,49} (v) {14,48,50}
10. Identify the Pythagorean triplet whose one of the numbers is 12  
(i) {12,37,38} (ii) {12,35,37} (iii) {12,36,39} (iv) {12,36,38} (v) {12,37,39}

## Assignment Key

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1) (v)

2) (iii)

3) (v)

4) (iv)

5) (ii)

6) (i)

7) (ii)

8) (i)

9) (v)

10) (ii)