



1. Identify the Pythagorean triplet whose smallest number is 18
(i) {18,80,82} (ii) {18,82,83} (iii) {18,81,84} (iv) {18,81,83} (v) {18,82,84}
2. Identify the Pythagorean triplet whose middle number is 80
(i) {17,80,81} (ii) {19,80,79} (iii) {18,80,82} (iv) {19,80,81} (v) {20,80,82}
3. Identify the Pythagorean triplet whose largest number is 50
(i) {16,49,50} (ii) {13,49,50} (iii) {15,47,50} (iv) {12,46,50} (v) {14,48,50}
4. Which of the following is a Pythagorean triplet?
(i) {14,50,49} (ii) {14,49,51} (iii) {14,47,49} (iv) {14,46,50} (v) {14,48,50}
5. Identify the Pythagorean triplet whose one of the numbers is 17
(i) {8,15,17} (ii) {6,13,17} (iii) {9,14,17} (iv) {7,16,17} (v) {10,16,17}
6. Identify the Pythagorean triplet whose smallest number is 14
(i) {14,50,52} (ii) {14,49,52} (iii) {14,49,51} (iv) {14,48,50} (v) {14,50,51}
7. Identify the Pythagorean triplet whose middle number is 35
(i) {11,35,36} (ii) {12,35,37} (iii) {13,35,34} (iv) {13,35,36} (v) {14,35,37}
8. Identify the Pythagorean triplet whose largest number is 17
(i) {9,14,17} (ii) {8,15,17} (iii) {7,16,17} (iv) {10,16,17} (v) {6,13,17}
9. Which of the following is a Pythagorean triplet?
(i) {12,35,37} (ii) {12,34,36} (iii) {12,36,38} (iv) {12,37,36} (v) {12,33,37}
10. Identify the Pythagorean triplet whose one of the numbers is 48
(i) {13,48,49} (ii) {16,48,50} (iii) {15,48,47} (iv) {15,48,49} (v) {14,48,50}
11. Identify the Pythagorean triplet whose smallest number is 12
(i) {12,36,38} (ii) {12,35,37} (iii) {12,36,39} (iv) {12,37,38} (v) {12,37,39}
12. Identify the Pythagorean triplet whose middle number is 99
(i) {21,99,100} (ii) {19,99,100} (iii) {20,99,101} (iv) {22,99,101} (v) {21,99,98}
13. Identify the Pythagorean triplet whose largest number is 50
(i) {16,49,50} (ii) {13,49,50} (iii) {12,46,50} (iv) {14,48,50} (v) {15,47,50}
14. Which of the following is a Pythagorean triplet?
(i) {14,49,51} (ii) {14,47,49} (iii) {14,46,50} (iv) {14,50,49} (v) {14,48,50}

15. Identify the Pythagorean triplet whose one of the numbers is 35

- (i) {11,35,36} (ii) {12,35,37} (iii) {14,35,37} (iv) {13,35,34} (v) {13,35,36}

Assignment Key

1) (i)	2) (iii)	3) (v)	4) (v)	5) (i)	6) (iv)
7) (ii)	8) (ii)	9) (i)	10) (v)	11) (ii)	12) (iii)
13) (iv)	14) (v)	15) (ii)			

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