



1. Identify the Pythagorean triplet whose smallest number is 16
(i) {16,63,65} (ii) {16,64,66} (iii) {16,64,67} (iv) {16,65,66} (v) {16,65,67}
2. Identify the Pythagorean triplet whose middle number is 99
(i) {20,99,101} (ii) {22,99,101} (iii) {19,99,100} (iv) {21,99,98} (v) {21,99,100}
3. Identify the Pythagorean triplet whose largest number is 50
(i) {14,48,50} (ii) {16,49,50} (iii) {15,47,50} (iv) {12,46,50} (v) {13,49,50}
4. Which of the following is a Pythagorean triplet?
(i) {18,78,82} (ii) {18,82,81} (iii) {18,79,81} (iv) {18,80,82} (v) {18,81,83}
5. Identify the Pythagorean triplet whose one of the numbers is 18
(i) {18,81,83} (ii) {18,82,84} (iii) {18,81,84} (iv) {18,80,82} (v) {18,82,83}
6. Identify the Pythagorean triplet whose smallest number is 12
(i) {12,36,38} (ii) {12,35,37} (iii) {12,37,39} (iv) {12,37,38} (v) {12,36,39}
7. Identify the Pythagorean triplet whose middle number is 24
(i) {10,24,26} (ii) {11,24,23} (iii) {11,24,25} (iv) {9,24,25} (v) {12,24,26}
8. Identify the Pythagorean triplet whose largest number is 65
(i) {18,64,65} (ii) {14,61,65} (iii) {17,62,65} (iv) {16,63,65} (v) {15,64,65}
9. Which of the following is a Pythagorean triplet?
(i) {18,78,82} (ii) {18,82,81} (iii) {18,81,83} (iv) {18,80,82} (v) {18,79,81}
10. Identify the Pythagorean triplet whose one of the numbers is 15
(i) {8,15,17} (ii) {7,15,16} (iii) {9,15,16} (iv) {10,15,17} (v) {9,15,14}
11. Identify the Pythagorean triplet whose smallest number is 12
(i) {12,37,39} (ii) {12,36,38} (iii) {12,35,37} (iv) {12,36,39} (v) {12,37,38}
12. 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}
13. Identify the Pythagorean triplet whose largest number is 26
(i) {12,25,26} (ii) {9,25,26} (iii) {10,24,26} (iv) {8,22,26} (v) {11,23,26}
14. Which of the following is a Pythagorean triplet?
(i) {12,35,37} (ii) {12,33,37} (iii) {12,34,36} (iv) {12,36,38} (v) {12,37,36}

15. Identify the Pythagorean triplet whose one of the numbers is 14

(i) {14,49,51} (ii) {14,48,50} (iii) {14,50,51} (iv) {14,50,52} (v) {14,49,52}

Assignment Key

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

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