EduSahara™ Assignment

Name : Pythagorean Triplets

Chapter : Square Roots and Cube Roots

Grade : SSC Grade VIII

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1. Identify the Pythagorean triplet whose smallest number is 10

   (i) {10,26,28} (ii) {10,25,27} (iii) {10,24,26} (iv) {10,25,28} (v) {10,26,27}

2. Identify the Pythagorean triplet whose middle number is 24

   (i) {11,24,23} (ii) {10,24,26} (iii) {12,24,26} (iv) {11,24,25} (v) {9,24,25}

3. Identify the Pythagorean triplet whose largest number is 17

   (i) {8,15,17} (ii) {6,13,17} (iii) {9,14,17} (iv) {10,16,17} (v) {7,16,17}

4. Which of the following is a Pythagorean triplet?

   (i) {14,46,50} (ii) {14,47,49} (iii) {14,48,50} (iv) {14,50,49} (v) {14,49,51}

5. Identify the Pythagorean triplet whose one of the numbers is 8

   (i) {8,15,17} (ii) {8,16,19} (iii) {8,16,18} (iv) {8,17,18} (v) {8,17,19}

6. Identify the Pythagorean triplet whose smallest number is 14

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

7. Identify the Pythagorean triplet whose middle number is 99

   (i) {21,99,98} (ii) {19,99,100} (iii) {22,99,101} (iv) {21,99,100} (v) {20,99,101}

8. Identify the Pythagorean triplet whose largest number is 26

   (i) {9,25,26} (ii) {10,24,26} (iii) {12,25,26} (iv) {11,23,26} (v) {8,22,26}

9. Which of the following is a Pythagorean triplet?

   (i) {18,79,81} (ii) {18,80,82} (iii) {18,82,81} (iv) {18,78,82} (v) {18,81,83}

10. Identify the Pythagorean triplet whose one of the numbers is 17

    (i) {10,16,17} (ii) {7,16,17} (iii) {9,14,17} (iv) {8,15,17} (v) {6,13,17}

Assignment Key

1) (iii)	2) (ii)	3) (i)	4) (iii)	5) (i)	6) (i)
7) (v)	8) (ii)	9) (ii)	10) (iv)		

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