



Pythagorean Triples

Name _____

Score _____

PT:08

Check whether each set of numbers is Pythagorean triples. Write 'Yes' or 'No'.

1) 13, 84, 85

2) 7, 11, 6

3) $\sqrt{14}$, 25, 36

4) $\sqrt{20}$, $\sqrt{30}$, $\sqrt{40}$

5) 19, 180, 181

6) 6, 10, 8

7) 18, 8, 23

8) 12, 16, 20

9) $\sqrt{12}$, 34, $\sqrt{10}$

Complete the table.

Triples	(12, 35, 37)	(15, 36, 39)	(9, 40, 41)	(3, 4, 5)
Factors	3	6	4	8
New Triples				



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Answer key

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Yes

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No

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Yes

6) 6, 10, 8

Yes

7) 18, 8, 23

No

8) 12, 16, 20

Yes

9) $\sqrt{12}$, 34, $\sqrt{10}$

No

Complete the table.

Triples	(12, 35, 37)	(15, 36, 39)	(9, 40, 41)	(3, 4, 5)
Factors	3	6	4	8
New Triples	(36, 105, 111)	(90, 216, 234)	(36, 160, 164)	(24, 32, 40)