

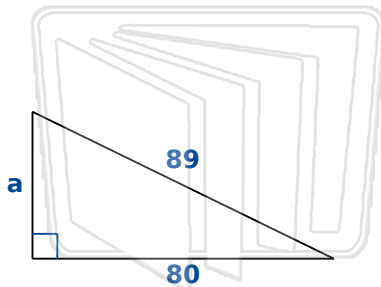


Pythagorean Theorem Problems

Math

Name _____ Class _____ Date _____

Find the length of the third side of each triangle

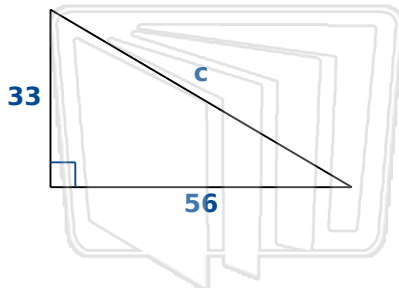


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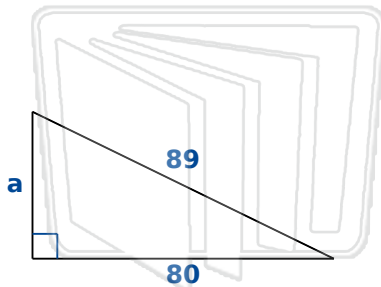


Pythagorean Theorem Problems - Answer Key

Math

Name _____ Class _____ Date _____

Find the length of the third side of each triangle



$$a^2 + 80^2 = 89^2$$

$$a^2 = 89^2 - 80^2$$

$$a^2 = 7921 - 6400$$

$$a^2 = 1521$$

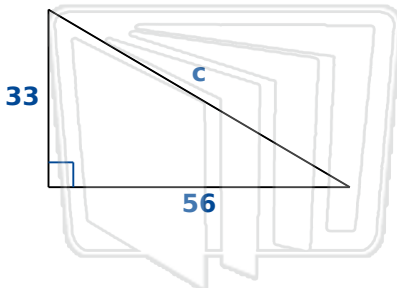
$$a = \sqrt{1521}$$

$$a \approx 39$$

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$$33^2 + 56^2 = c^2$$

$$c^2 = 1089 + 3136$$

$$c^2 = 4225$$

$$c = \sqrt{4225}$$

$$c = 65$$

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