Vocabulary: Pythagorean Theorem

📖 Vocabulary

- Converse – a statement formed by switching the hypothesis and the conclusion of a conditional statement.
    - For example, the converse of the statement, "If it's a school day, then I get up at 6:00 a.m.," is, "If I get up at 6:00 a.m., then it's a school day."

- Hypotenuse – the side of a right triangle opposite the right angle.
    - The hypotenuse is the longest side of a right triangle.

- Legs (of a right triangle) – the two sides of a right triangle that form the right angle.

- Pythagorean Theorem – a theorem stating that, for any right triangle, $a^2 + b^2 = c^2$, where a and b are the lengths of the legs of the triangle and c is the length of the hypotenuse.

- Right triangle – a triangle that contains one right angle.