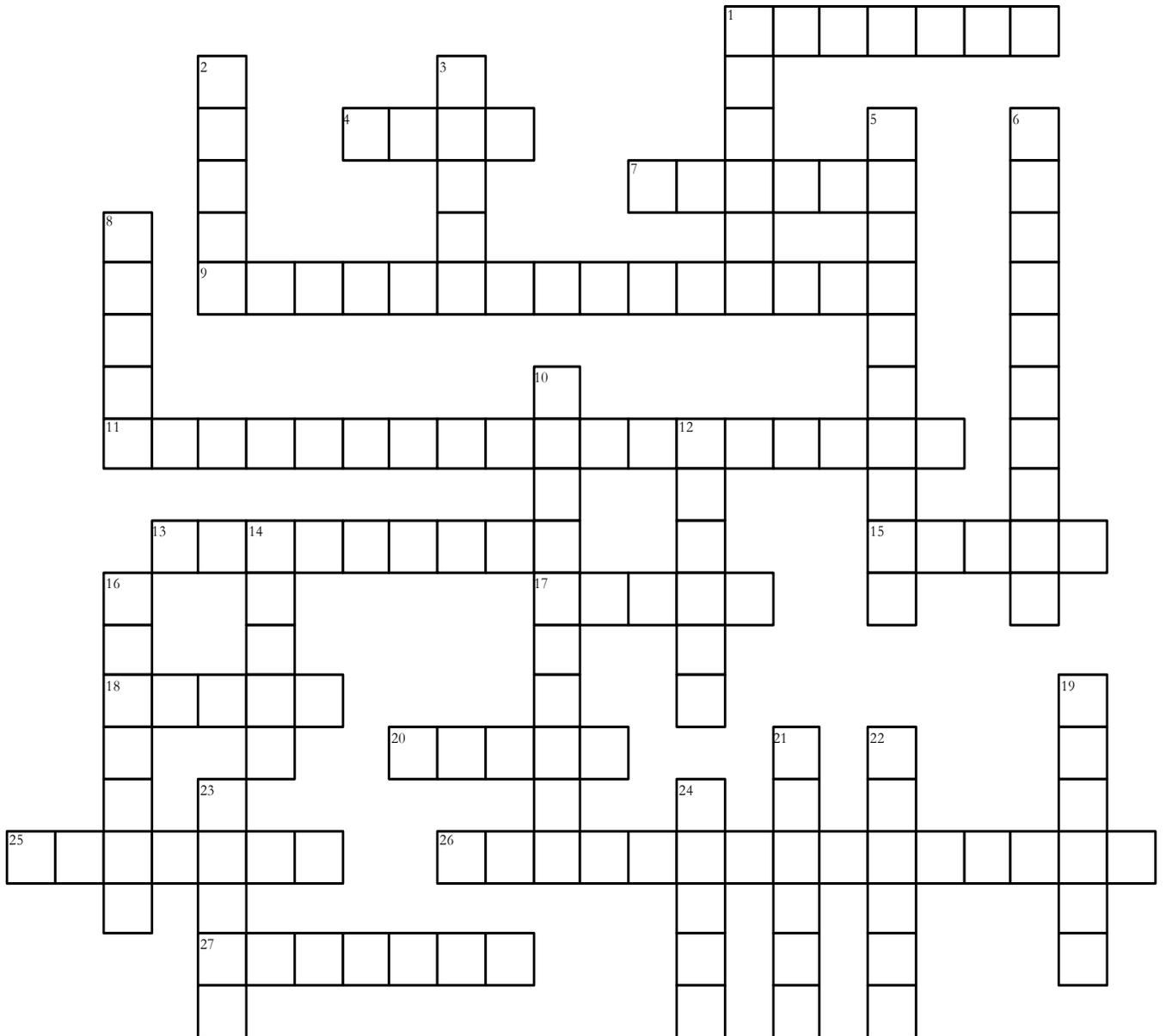


Harry Potter and the Pythagorean Theorem



Harry Potter and the Pythagorean Theorem

ACROSS

- 1 The sets of numbers 3, 4, 5 and 5, 12, 13 are examples of Pythagorean _____
- 2 Valid or false: When Voldemort failed to kill the baby Harry Potter, it was because the curse rebounded due to the sacrifice that Harry's mother made
- 3 Last name of the leader of Russia in June 2014
- 4 How many names did the Goblet of Fire spit out?
- 5 Side c refers to the length of the _____ in the Pythagorean theorem
- 6 What is the section of the orchestra called with instruments that are shaken or being struck?
- 7 In 2013 which MLS team called LA home?
- 8 Homemade _____ is what Dobby gives to Harry as a Christmas gift in book 4
- 9 It took almost 20 years but this movie sequel was released in November 2014 (Four words)
- 10 If side $a = 7$ units and side $b = 24$ units, what is side c using the Pythagorean theorem? (Two words)
- 11 What are Durmstrang Institute, Beauxbatons Academy and Hogwarts? (Three words)
- 12 In which sea is the home island of Pythagoras located?
- 13 The Pythagorean theorem is very important in what branch of geometry?
- 14 In November 2014 on what did the space probe Philae land?
- 15 Pythagoras was from which island?
- 16 Which branch of mathematics do you use to solve the Pythagorean theorem if side $a = 5$ units and side b is 12 units long?
- 17 Number of sides in a triangle
- 18 Nationality of Pythagoras
- 19 How many degrees in a right angle?
- 20 Valid or false: Pythagoras founded a religion called "Pythagoreanism"
- 21 Name of the robot in the movie "Big Hero 6" released in 2014
- 22 From which country were these composers: Beethoven, Handel and Wagner?
- 23 Valid or false: The real Alastor Moody was found by Dumbledore in a locked closet at the end of book 4
- 24 The newspaper that wizards, not Muggles, read (Three words)
- 25 The island of Pythagoras is located west of which country?
- 26 The newspaper that wizards, not Muggles, read (Three words)
- 27 To make this equation, $a + b = c$, correctly reflect the Pythagorean theorem, what must be done to each term?

DOWN

- 1 How many feet is side b if the hypotenuse is 13 feet and side a is 5 feet long?
- 24 The Pythagorean theorem is about which specific type of triangle?

Harry Potter and the Pythagorean Theorem

