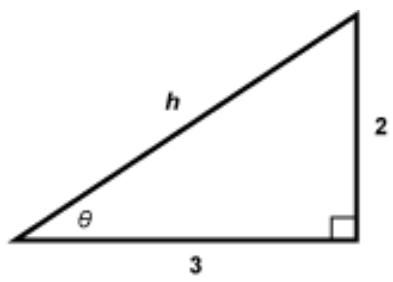


Use the Pythagorean Theorem to find the length of the hypotenuse.



What is the value of $\sin \theta$?