Name

Pythagorean Equation from Squares - Length of Side (Radical)

1 Find the radical (square root) for the value of 'c' in this equation

$$4^2 + 5^2 = c^2$$

A	$c = \sqrt{41}$	B	$c = \sqrt{-9}$
C	$c = \sqrt{9}$		

2 Find the radical (square root) for the value of 'b' in this equation

$$2^2 + b^2 = 5^2$$

A	$b = \sqrt{54}$	B	$b = \sqrt{21}$	C	$b = \sqrt{46}$	D	$b = \sqrt{71}$

3 Find the radical (square root) for the value of 'c' in this equation

$$3^2 + 6^2 = c^2$$

A	$c = \sqrt{45}$	B	$c = \sqrt{27}$
C	$c = \sqrt{-27}$	D	$c = \sqrt{81}$

4 Find the radical (square root) for the value of 'a' in this equation

$$a^2 + 2^2 = 8^2$$

A	$a = \sqrt{196}$	B	$a = \sqrt{60}$
C	$a = \sqrt{188}$		

5 Find the radical (square root) for the value of 'a' in this equation

$$a^2 + 3^2 = 4^2$$

A	$a = \sqrt{39}$	B	$a = \sqrt{7}$
C	$a = \sqrt{23}$	D	$a = \sqrt{41}$

6 Find the radical (square root) for the value of 'c' in this equation

$$4^2 + 3^2 = c^2$$

A	$c = \sqrt{43}$	B	$c = \sqrt{25}$	C	$c = \sqrt{7}$

7 Find the radical (square root) for the value of 'a' in this equation

$$a^2 + 6^2 = 7^2$$

A	$a = \sqrt{111}$	B	$a = \sqrt{134}$
C	$a = \sqrt{13}$		

8 Find the radical (square root) for the value of 'c' in this equation

$$2^2 + 5^2 = c^2$$

A	$c = \sqrt{79}$	B	$c = \sqrt{21}$
C	$c = \sqrt{-21}$	D	$c = \sqrt{29}$