Name

Pythagorean Equation from Squares - Length of Side (Integer)

1 Find the value of 'a' in this equation

$$a^2 + 4^2 = 5^2$$

A	a = 4	B	a = 9
C	a = 2	D	a = 3
E	a = 20	F	a = 6

2 Find the value of 'b' in this equation

$$12^2 + b^2 = 20^2$$

A	b = 8	B	b = 10
C	b = 16	D	b = 18
E	b = 14	F	b = 11

3 Find the value of 'a' in this equation

$$a^2 + 12^2 = 13^2$$

A	a = 156	B	a = 1
C	a = 25	D	a = 5
E	a = 3	F	a = 13

4 Find the value of 'b' in this equation

$$5^2 + b^2 = 13^2$$

A	b = 13	B	b = 16
C	b = 9	D	b = 11
E	b = 17	F	b = 12

5 Find the value of 'a' in this equation

$$a^2 + 6^2 = 10^2$$

A	a = 4	B	a = 8
C	a = 16	D	a = 11
E	a = 12	F	a = 5

6 Find the value of 'b' in this equation

$$16^2 + b^2 = 20^2$$

A	b = 12	B	b = 7
C	b = 10	D	b = 20
E	b = 36	F	b = 11

7 Find the value of 'a' in this equation

$$a^2 + 5^2 = 13^2$$

A	a = 14	B	a = 12
C	a = 10	D	a = 11
E	a = 7	F	a = 8

8 Find the value of 'b' in this equation

$$12^2 + b^2 = 15^2$$

A	b = 6	B	b = 27
C	b = 15	D	b = 10
E	b = 9	F	b = 11