Name

Pythagorean Equation from Values - Either Missing Length (Integer)

1 Find the value of 'a' in this equation

$$a^2 + 144 = 169$$

A	a = 2	B	a = 3
C	a = 4	D	a = 13
E	a = 5	F	a = 25

2 Find the value of 'b' in this equation

$$9 + b^2 = 25$$

A	b = 15	B	b = 8
C	b = 2	D	b = 5
E	b = 4	F	b = 1

3 Find the value of 'c' in this equation

$$64 + 36 = c^2$$

A	c = 6	B	c = 14
C	c = 5	D	c = 13
E	c = 10	F	c = 12

4 Find the value of 'c' in this equation

$$144 + 25 = c^2$$

A	c = 11	B	c = 15
C	c = 17	D	c = 13
E	c = 10	F	c = 16

5 Find the value of 'b' in this equation

$$64 + b^2 = 100$$

A	b = 4	B	b = 80
C	b = 6	D	b = 18
E	b = 5	F	b = 8

6 Find the value of 'a' in this equation

$$a^2 + 64 = 100$$

A	a = 8	B	a = 7
C	a = 18	D	a = 5
E	a = 6	F	a = 80

7 Find the value of 'a' in this equation

$$a^2 + 36 = 100$$

A	a = 11	B	a = 60
C	a = 8	D	a = 5
E	a = 16	F	a = 10

8 Find the value of 'b' in this equation

$$36 + b^2 = 100$$

A	b = 6	B	b = 10
C	b = 8	D	b = 60
E	b = 3	F	b = 16