mobius

Pythagorean Equation from Values - Length of Side (Integer)

1 Find the value of 'a' in this equation

$$a^2 + 64 = 100$$

A	B	C	D	E	F
a = 8	a = 2	a = 4	a = 3	a = 6	a = 5

2 Find the value of 'a' in this equation

$$a^2 + 144 = 400$$

	A	a = 32	B	a = 8
	C	a = 240	D	a = 21
	E	a = 16	F	a = 18

3 Find the value of 'b' in this equation

$$16 + b^2 = 25$$

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

4 Find the value of 'a' in this equation

$$a^2 + 36 = 100$$

A	a = 8	B	a = 16
C	a = 11	D	a = 10
E	a = 6	F	a = 9

5 Find the value of 'b' in this equation

$$144 + b^2 = 225$$

A	b = 6	B	b = 12
C	b = 8	D	b = 11
E	b = 9	F	b = 10

6 Find the value of 'a' in this equation

$$a^2 + 25 = 169$$

A	a = 14	B	a = 13
C	a = 17	D	a = 12
E	a = 7	F	a = 10

7 Find the value of 'a' in this equation

$$a^2 + 256 = 400$$

A	a = 10	B	a = 320
C	a = 11	D	a = 12
E	a = 6	F	a = 15

8 Find the value of 'b' in this equation

$$36 + b^2 = 100$$

A	b = 5	B	b = 10
C	b = 11	D	b = 60
E	b = 3	F	b = 8