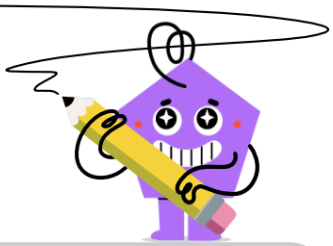
Name



Pythagorean Equation from Squares - Length of Side (Integer)

1 Find the value of 'b' in this equation

$$8^2 + b^2 = 10^2$$

A	b = 4	B	b = 1
C	b = 6	D	b = 5
E	b = 8	F	b = 18

2 Find the value of 'a' in this equation

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

A	a = 60	B	a = 16
C	a = 6	D	a = 9
E	a = 4	F	a = 8

3 Find the value of 'b' in this equation

$$3^2 + b^2 = 5^2$$

A	b = 5	B	b = 4
C	b = 3	D	b = 15
E	b = 8	F	b = 6

4 Find the value of 'b' in this equation

$$12^2 + b^2 = 13^2$$

A	b = 156	B	b = 7
C	b = 4	D	b = 9
E	b = 2	F	b = 5

5 Find the value of 'a' in this equation

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

A	a = 14	B	a = 13
C	a = 8	D	a = 65
E	a = 12	F	a = 9

6 Find the value of 'a' in this equation

$$a^2 + 8^2 = 10^2$$

A	a = 5	B	a = 6
C	a = 10	D	a = 4
E	a = 3	F	a = 8

7 Find the value of 'b' in this equation

$$4^2 + b^2 = 5^2$$

A	B	C	D	E	F
b = 5	b = 2	b = 3	b = 7	b = 9	b = 6

8 Find the value of 'a' in this equation

$$a^2 + 3^2 = 5^2$$

A	a = 8	B	a = 4
C	a = 5	D	a = 1
E	a = 15	F	a = 3