Name

Pythagorean Equation from Squares - Either Missing Length (Squared Values)

1 Find what the square of 'a' would be equal to

$$a^2 + 5^2 = 8^2$$

A	B	C	D	E	F
$a^2 = 32$	$a^2 = 47$	$a^2 = 2$	$a^2 = 59$	$a^2 = 76$	$a^2 = 39$

2 Find what the square of 'a' would be equal to

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

A	$a^2 = 100$	B	$a^2 = 256$
C	$a^2 = 60$	D	$a^2 = 22$
E	$a^2 = 8$	F	$a^2 = 23$

3 Find what the square of 'a' would be equal to

$$a^2 + 3^2 = 6^2$$

A	B	C	D	E	F
$a^2 = 53$	$a^2 = 52$	$a^2 = 81$	$a^2 = 10$	$a^2 = 27$	$a^2 = 33$

4 Find what the square of 'b' would be equal to

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

A	B	C	D	E	F
$b^2 = 25$	$b^2 = 36$	$b^2 = 1$	$b^2 = 7$	$b^2 = 6$	$b^2 = 5$

5 Find what the square of 'b' would be equal to

$$2^2 + b^2 = 9^2$$

A	$b^2 = 77$	B	$b^2 = 130$
C	$b^2 = 49$	D	$b^2 = 79$
E	$b^2 = 38$	F	$b^2 = 116$

6 Find what the square of 'a' would be equal to

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

A	$a^2 = 13$	B	$a^2 = 1$
C	$a^2 = 1,764$	D	$a^2 = 6$
E	$a^2 = 169$	F	$a^2 = 21$

7 Find what the square of 'a' would be equal to

$$a^2 + 3^2 = 8^2$$

A	$a^2 = 79$	B	$a^2 = 29$
C	$a^2 = 14$	D	$a^2 = 55$
E	$a^2 = 130$	F	$a^2 = 61$

8 Find what the square of 'a' would be equal to

$$a^2 + 6^2 = 8^2$$

A	B	C	D	E	F
$a^2 = 28$	$a^2 = 34$	$a^2 = 69$	$a^2 = 53$	$a^2 = 58$	$a^2 = 55$