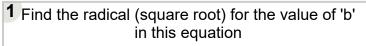


Math worksheet on 'Pythagorean Equation from Values - Either Missing Length (Radical) (Level 1)'. Part of a broader unit on 'Pythagoras - Foundations'

Learn online: app.mobius.academy/math/units/pythagoras foundations/



$$4+b^2=25$$

a	b	С	d
$b=\sqrt{21}$	$b=\sqrt{71}$	$b=\sqrt{46}$	$b=\sqrt{29}$

2 Find the radical (square root) for the value of 'b' in this equation

$$16 + b^2 = 64$$

а	$b=\sqrt{80}$	b	$b = \sqrt{48}$	
C	$b=\sqrt{176}$	d	$b=\sqrt{144}$	

Find the radical (square root) for the value of 'a' in this equation

$$a^2 + 9 = 25$$

а	$a=\sqrt{16}$	b	$a=\sqrt{ extsf{41}}$
C	$a=\sqrt{66}$		

4 Find the radical (square root) for the value of 'a' in this equation

$$a^2 + 16 = 64$$

a	$a=\sqrt{176}$	b	$a=\sqrt{112}$
C	$a=\sqrt{144}$	d	$a=\sqrt{48}$

5 Find the radical (square root) for the value of 'a' in this equation

$$a^2 + 25 = 81$$

2	$a=\sqrt{187}$	D	$a=\sqrt{56}$
C	$a=\sqrt{268}$	d	$a=\sqrt{218}$
E	$a=\sqrt{137}$		

6 Find the radical (square root) for the value of 'a' in this equation

$$a^2 + 4 = 81$$

а	$a = \sqrt{77}$	b	$a=\sqrt{166}$	
C	$a=\sqrt{85}$	d	$a=\sqrt{158}$	
е	$a=\sqrt{239}$			

7 Find the radical (square root) for the value of 'b' in this equation

$$4 + b^2 = 9$$

а	b	C	d
$b=\sqrt{5}$	$b=\sqrt{22}$	$b = \sqrt{13}$	$b=\sqrt{14}$