

1 ↗

.15 [AC] .
 . AF=6 [AF] .
 . OB=6 [AF] .
 . CK (BC) F FK (3)

[AC] F (1)
 B [AF] O (2)
 . BA=BF= $3\sqrt{5}$: -
 . BC = $6\sqrt{5}$: -
 . (BC) ⊥ (AB) : -



2 ↗

. $b = \frac{3\sqrt{2} + \sqrt{24}}{\sqrt{6}}$ $a = \sqrt{45} - (\sqrt{20} - 1)$:
 . $b = \sqrt{3} + 2$ $a = \sqrt{5} + 1$: -
 . b^2 a^2 : -
 . b^2 a^2 : -
 . $a < \frac{a+b}{2} < b$ $a < b$: -

3 ↗

$c = -2\sqrt{2}$ $x = 2\sqrt{2}$	$x = \sqrt{8}$	$x = 4$	(x $x^2 = 8$)
$a + \sqrt{301} \geq -b + 10\sqrt{3}$	$\frac{\pi}{a} + \sqrt{2} \geq \frac{\pi}{b} + 1$	$\frac{5}{a} + \sqrt{2} \leq \frac{5}{b} + 1$	事 $\leq b$ b a
$AB = 4\sqrt{r^2 + 1}$	$AB = 2\sqrt{2r + 1}$	$AB = r^2 - 1$	

$\frac{(25)^{n-3} 5^{2n}}{(125)^{n+2}} = 625$: n : سؤال اختياري +1

0 18 :

سؤال