


#07 SA AP & GP

Total points 3/3 

Name *

.....

Section *





1/1

If a, b, c, d are in GP, then which of the following is correct?

$a^2 + b^2, b^2 + c^2, c^2 + d^2$ are in GP.

Option 1



$a + b^2, b + c^2, c + d^2$ are in GP.

Option 2

$a - b^2, b - c^2, c - d^2$ are in GP.

Option 3





1/1

a, b, c are in AP and a, x, b and b, y, c are in GP, then

$$b^4 = x^2 y^2$$

Option 1

$$2b^2 = x^2 + y^2$$

Option 2



$$b^2 = x^2 + y^2$$

Option 3





1/1

If $\frac{1}{a+b}$, $\frac{1}{2b}$, $\frac{1}{b+c}$ are three consecutive terms of an AP, then

a, b, c are three consecutive terms of an AP.

Option 1

a, b, c are three consecutive terms of a GP.

Option 2



$\frac{1}{a}, \frac{1}{b}, \frac{1}{c}$ are three consecutive terms of a GP.

Option 3

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