

Rostum Omar Year 7


Simplifying Algebra

Magic Squares.

$a+4b$	$8a+3b$	$3a+8b$
$6a+9b$	$4a+5b$	$2a+b$
$5a+2b$	$7b$	$7a+6b$

All rows and diagonals must add up to $12a + 15b$.

Private comments

 Rostum Omar
Apr 24, 10:03 PM

Hello Miss. I struggled with algebra so I had to get my mum to help me.

 Kelly Durand
Apr 24, 10:21 PM

Fantastic efforts Rostum - I'm super impressed with your resilience & a huge thanks to your Mum!

Simplifying (s)

- $a \times a = a^2$
- $a \times a \times a = a^3$
- $b \times b \times b \times b = b^4$
- $a \times a \times b \times b = a^2 b^2$
- $a \times a \times a \times b \times b = a^3 b^2$
- $a \times a \times b \times a = a^3 b$
- $a \times b \times a \times a \times b = a^3 b^2$
- $b \times a \times a \times a \times b = a^3 b^2$

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- $2a \times 2a = 4a^2$
- $3a \times 4a = 12a^2$
- $2b \times 6b = 12b^2$
- $5 \times 2a \times a = 10a^2$
- $3a \times 4a \times 2a = 24a^3$?
- $5a \times 3a \times a \times a = 15a^4$
- $2a \times 2 \times 2a = 8a^2$
- $3a \times 3a \times 3a = 27a^3$

Understanding algebra

Simplify

- $3a^2 + 5a^2 = 8a^2$
- $5a^2 + 2a^2 + a^2 = 8a^2$?
- $2a^2 - a^2 = a^2$?
- $5a^2 + a - 3a^2 + a = 2a^2 + 2a$?
- $2bc + b^2c + bc = 2b^2c + 3bc + b^2c$?
- $5bc + 4b - 3bc - 2b = 2bc + 2b$?

Rostum Omar 7X3

Task 1: Algebra Magic Square – Addition

Task 2: Simplifying Algebra – Multiplying

Worth celebrating for his fantastic resilience to a brand new topic! Super impressed!!

Ross – you may not want to include the private message!!