

Whose Representation is That?

### Verbal A

When Andre packed for a trip, he packed 1 pair of socks for each day he would be gone plus 3 extra pairs.  $x$  represents length of trip in days.  $y$  represents number of pairs of socks.

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### Verbal B

Clare wanted to save money in her piggy bank. She started with \$1 and doubled the amount she put in each day after that.  $x$  represents number of days.  $y$  represents money in dollars in her piggy bank.

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### Verbal C

To find the area of a square, you multiply the square's side length by itself.  $x$  represents side length in inches.  $y$  represents area in square inches.

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### Verbal D

Han wants to get in shape. His little brother is doing push-ups. Han watches him and does 3 times as many push-ups as his brother does each day.  $x$  represents number of push-ups done by Han's brother.  $y$  represents number of push-ups done by Han.

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Table F

$x$	$y$
0	0
1	1
2	4
3	9
4	16

Whose Representation is That?

Table G

$x$	$y$
0	3
1	4
2	5
3	6
4	7

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Table H

$x$	$y$
0	2
1	6
2	18
3	54
4	162

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Table J

$x$	$y$
0	1
1	2
2	4
3	8
4	16

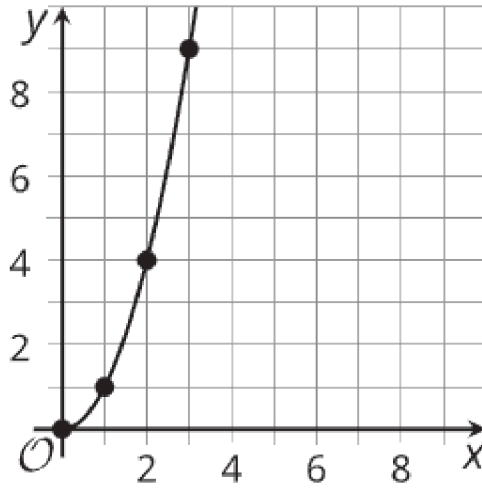
Whose Representation is That?

Table K

$x$	$y$
0	0
1	3
2	6
3	9
4	12

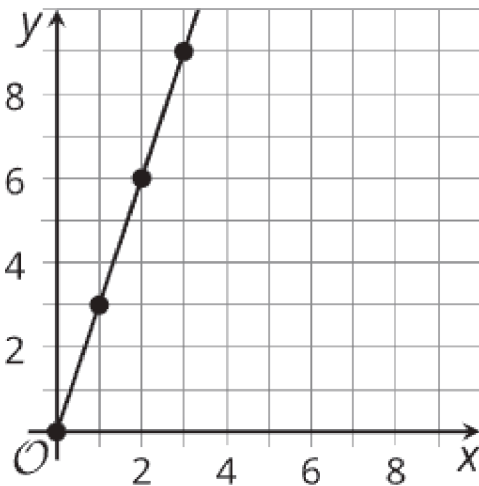
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Graph L



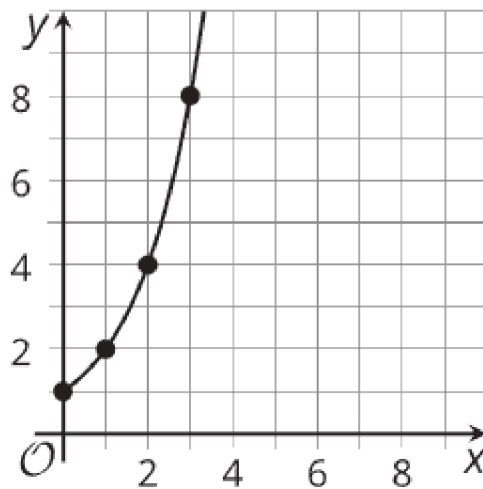
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Graph M



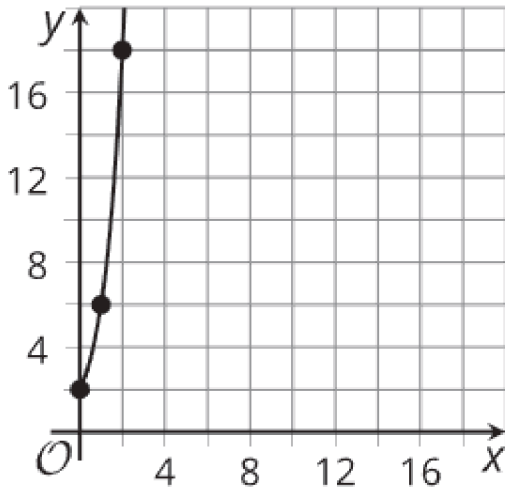
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Graph N



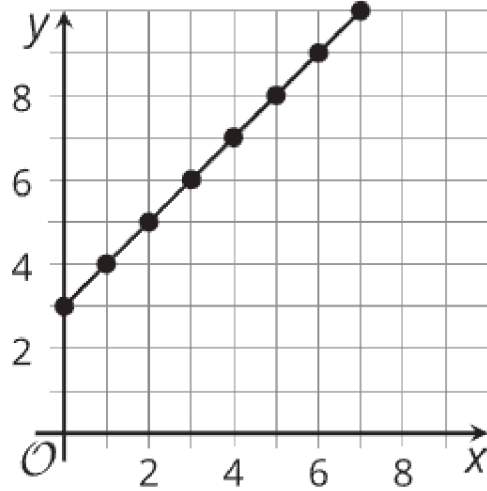
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## Graph O



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## Graph P



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## Verbal E

Two snakes are accidentally brought to an island where they have no natural predators. The number of snakes on the island triples every year for the first several years.  $x$  represents number of years.  $y$  represents number of snakes.