

Name:

Answers!

Class:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Question 01

Does the below show a linear function?

$$y = 4(x + 3)$$

Yes!

$$y = 4x + 12$$

Question 02

Does the below show a linear function?

$$y = \frac{4 + x}{3}$$

Yes!

$$y = \frac{1}{3}x + \frac{4}{3}$$

Question 03

Does the below show a linear function?

$$y = 4^2 + 3x$$

Yes!

$$y = 3x + 16$$

Question 04

Does the below show a linear function?

$$y = \frac{3}{x} + 2$$

No!

"x" cannot be in denominator of Linear function

Question 05

Does the below show a linear function?

$$y = 4x + 3x^2$$

No!

"x" cannot be squared in linear function

Question 06

Does the below show a linear function?

$$x + y = 5$$

Yes!

$$y = -x + 5$$

Circle all linear functions below.

$y = -x$	$y = x + 5$	$y = 5x$	$y = 1 - x^2$
$y = \frac{1}{2}x$	$y = \pi x$	$y = \frac{4}{x}$	$2x + 3y = 7$
$y = 4(x - 1)$	$5y = 2x$	$y = \frac{2}{5}x$	$10y = 4x$
$y = \frac{1}{2x}$	$y + x = 4x + 5$	$y = 3x + x^2$	$y = 2x$

Remember! "X" cannot be in the denominator, and "X" cannot be squared