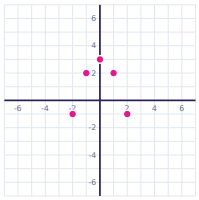
Linear & Nonlinear Functions · 1

Is the function $y = 2x^2 + 3$ linear or nonlinear?

Linear & Nonlinear Functions · 2

Do the plotted points lie on a linear or a nonlinear function?

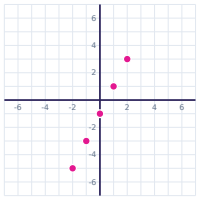


Linear & Nonlinear Functions · 3

Is the function $y = 2x^2 - 2$ linear or nonlinear?

Linear & Nonlinear Functions · 4

Do the plotted points lie on a linear or a nonlinear function?

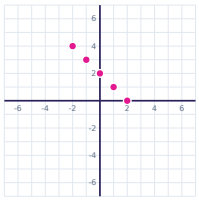


Linear & Nonlinear Functions · 5

Is the function $y = -2$ linear or nonlinear?

Linear & Nonlinear Functions · 6

Do the plotted points lie on a linear or a nonlinear function?

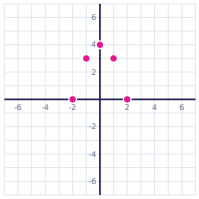


Linear & Nonlinear Functions · 7

Is the function $y = x^2 - 3$ linear or nonlinear?

Linear & Nonlinear Functions · 8

Do the plotted points lie on a linear or a nonlinear function?



Linear & Nonlinear Functions · 2

ANSWER

nonlinear

Linear & Nonlinear Functions · 1

ANSWER

nonlinear

Linear & Nonlinear Functions · 4

ANSWER

linear

Linear & Nonlinear Functions · 3

ANSWER

nonlinear

Linear & Nonlinear Functions · 6

ANSWER

linear

Linear & Nonlinear Functions · 5

ANSWER

linear

Linear & Nonlinear Functions · 8

ANSWER

nonlinear

Linear & Nonlinear Functions · 7

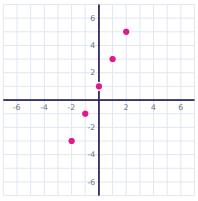
ANSWER

nonlinear

Is the function $y = x^2 + 6$ linear or nonlinear?

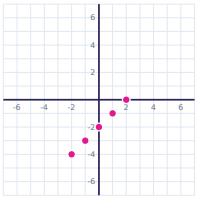
Is the function $y = -4x - 3$ linear or nonlinear?

Do the plotted points lie on a linear or a nonlinear function?



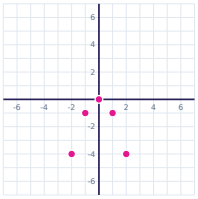
Is the function $y = x^3 - 4x$ linear or nonlinear?

Do the plotted points lie on a linear or a nonlinear function?



Is the function $y = x^3 + x$ linear or nonlinear?

Do the plotted points lie on a linear or a nonlinear function?



Is the function $y = 2^x$ linear or nonlinear?

Linear & Nonlinear Functions · 10

ANSWER

linear

Linear & Nonlinear Functions · 9

ANSWER

nonlinear

Linear & Nonlinear Functions · 12

ANSWER

nonlinear

Linear & Nonlinear Functions · 11

ANSWER

linear

Linear & Nonlinear Functions · 14

ANSWER

nonlinear

Linear & Nonlinear Functions · 13

ANSWER

linear

Linear & Nonlinear Functions · 16

ANSWER

nonlinear

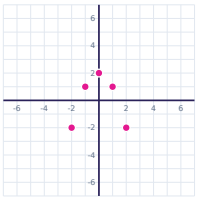
Linear & Nonlinear Functions · 15

ANSWER

nonlinear

Linear & Nonlinear Functions · 17

Do the plotted points lie on a linear or a nonlinear function?

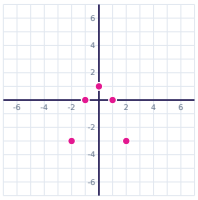


Linear & Nonlinear Functions · 18

Is the function $y = \frac{x}{8} + 2$ linear or nonlinear?

Linear & Nonlinear Functions · 19

Do the plotted points lie on a linear or a nonlinear function?

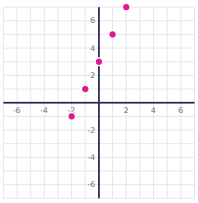


Linear & Nonlinear Functions · 20

Is the function $y = 5(x + 6)$ linear or nonlinear?

Linear & Nonlinear Functions · 21

Do the plotted points lie on a linear or a nonlinear function?

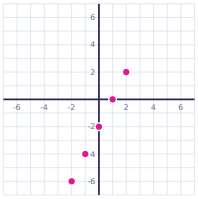


Linear & Nonlinear Functions · 22

Is the function $y = x(x - 1)$ linear or nonlinear?

Linear & Nonlinear Functions · 23

Do the plotted points lie on a linear or a nonlinear function?



Linear & Nonlinear Functions · 24

Is the function $y = \frac{2}{x}$ linear or nonlinear?

Linear & Nonlinear Functions · 18

ANSWER

linear

Linear & Nonlinear Functions · 17

ANSWER

nonlinear

Linear & Nonlinear Functions · 20

ANSWER

linear

Linear & Nonlinear Functions · 19

ANSWER

nonlinear

Linear & Nonlinear Functions · 22

ANSWER

nonlinear

Linear & Nonlinear Functions · 21

ANSWER

linear

Linear & Nonlinear Functions · 24

ANSWER

nonlinear

Linear & Nonlinear Functions · 23

ANSWER

linear