

Get better at Math.
Get better at
everything.



Come experience the Cuemath methodology and ensure your child stays ahead at math this summer.



**Adaptive
Platform**



**Interactive Visual
Simulations**



**Personalized
Attention**

For Grades 1 - 10



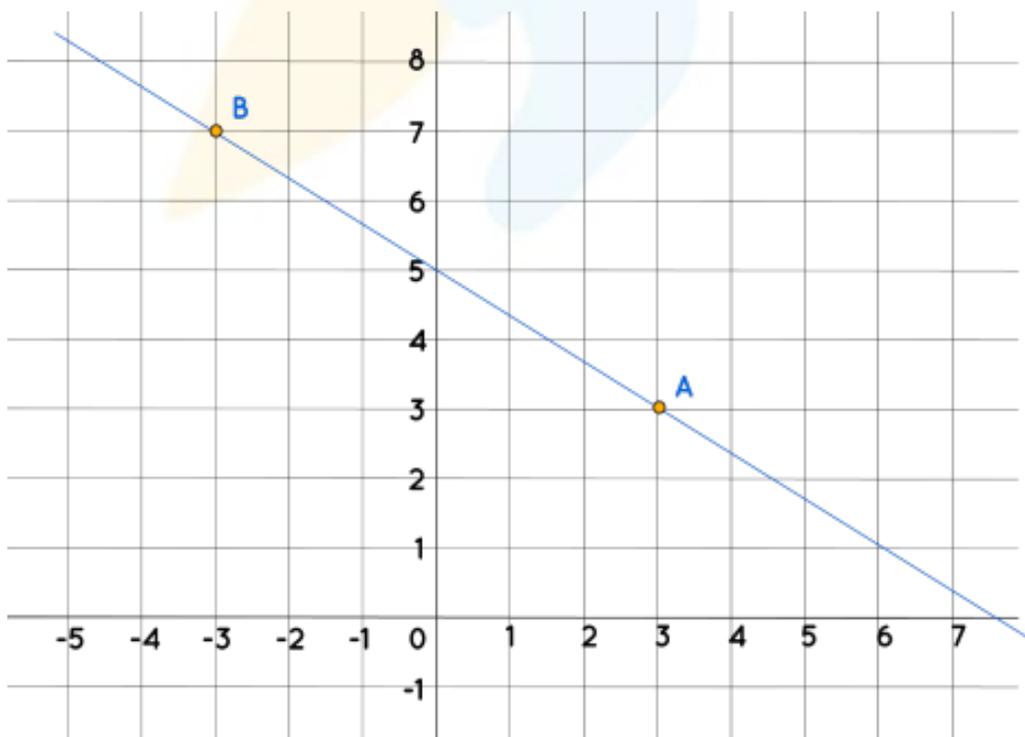
LIVE online classes
by trained and
certified experts.

Get the Cuemath advantage

Book a FREE trial class

Finding Slope and Y Intercept Worksheets

- 1) If the slope of a line is undefined, then the line is parallel to ___ axis
- 2) The slope of the line joining $(x, f(x))$ and $(x+h, f(x+h))$ is ___
- 3) The slope of the line joining two points $(3, -7)$ and $(4, -7)$ is ___.
- 4) The slope of the line that passes through the points $(1, 13)$ and $(-2, 7)$ is ___.
- 5) Is the line passing through the points $(3, 2)$ and $(4, 3)$ parallel to the line passing through the points $(-1, -2)$ and $(-7, -8)$? Justify your answer.
- 6) Find the slope of the line using two points on it.



7) The slope of a line joining two points $(-7, 5)$ and $(2, k)$ is $-2/9$. Find k .

8) Match the lines with their slopes:

a. $(1, 2)(2, -3)$	1. $1/2$
b. $(0, 2)(5, 4)$	2. -2
c. $(6, 3)(-4, -2)$	3. $2/5$
d. $(0, 7)(3, 1)$	4. -5

9) There are two straight lines AB and CD , where $A = (0, 7)$, $B = (6, 9)$, $C = (0, -4)$, and $D = (12, 0)$. Is $AB \parallel CD$?
Hint: The slopes of two parallel lines are always equal to each other.

10) A car rental in a city rents its cars for an upfront fee and a daily fee based on the number days the car was rented. Drake rented a car and saw that he owed \$62 after 4 days and \$86 after 7 days when he returned the car. Find the daily fee.

**When you learn math
in an interesting way,
you never forget.**



25 Million

Math classes &
counting

100K+

Students learning
Math the right way

20+ Countries

Present across USA, UK,
Singapore, India, UAE & more.

Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

Get the Cuemath advantage

Book a FREE trial class

ANSWERS

1)	y-axis
2)	$[f(x+h)-f(x)]/h$
3)	0
4)	2
5)	Yes, as the slopes of both lines are the same
6)	$-2/3$
7)	3
8)	a) 4 b) 3 c) 1 d) 2
9)	Yes, AB is parallel to CD
10)	\$ 8

FUN FACT

1. If the slope of the line is positive, it is increasing.
2. If the slope of the line is negative, it is decreasing.
3. If the slope of the line is 0, it is horizontal and hence it is parallel to x-axis.

