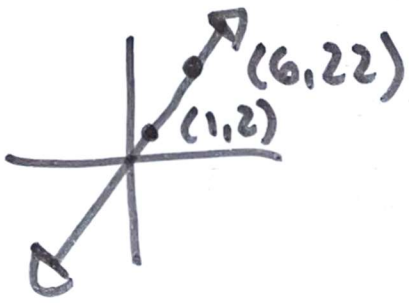
Name: ANSWERS! Class:

Question 01

slope = Rise / Run

Find the slope of a line that passes through coordinates $(1, 2)$ and $(6, 22)$.



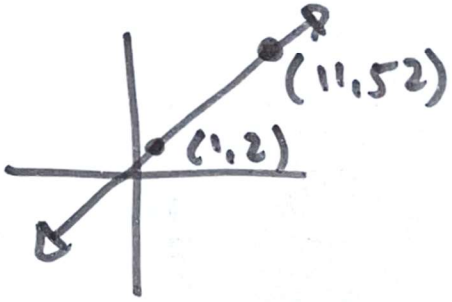
22 − 2 = 20

6 − 1 = 5

$\frac{Rise}{Run} = \frac{20}{5} = 4$

Question 02

Find the slope of a line that passes through coordinates $(1, 2)$ and $(11, 52)$.



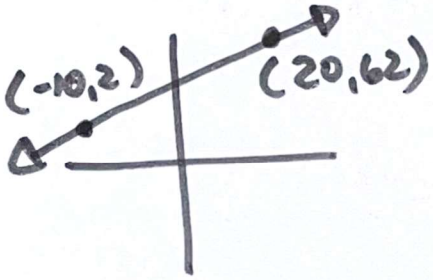
52 − 2 = 50

11 − 1 = 10

$\frac{Rise}{Run} = \frac{50}{10} = 5$

Question 03

Find the slope of a line that passes through coordinates $(-10, 2)$ and $(20, 62)$.



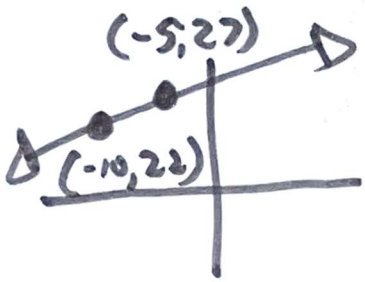
62 − 2 = 60

20 − (−10) = 30

$\frac{Rise}{Run} = \frac{60}{30} = 2$

Question 04

Find the slope of a line that passes through coordinates $(-10, 22)$ and $(-5, 27)$.



27 − 22 = 5

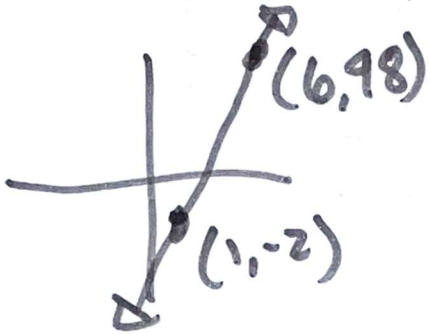
−10 − (−5) = −5

5 / 5

$\frac{Rise}{Run} = \frac{5}{5} = 1$

Question 05

Find the slope of a line that passes through coordinates $(1, -2)$ and $(6, 98)$.



98 − (−2) = 100

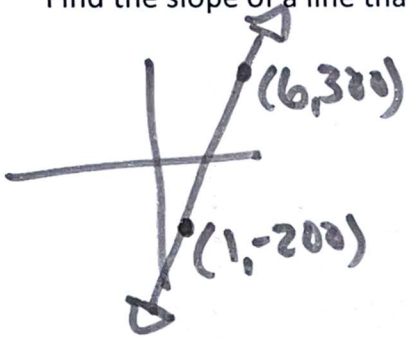
6

100 / 5

$\frac{Rise}{Run} = \frac{100}{5} = 20$

Question 06

Find the slope of a line that passes through coordinates $(1, -200)$ and $(6, 300)$.



300 − (−200) = 500

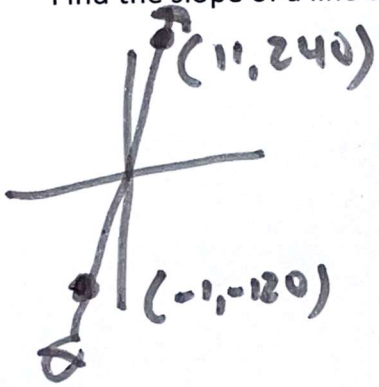
6

500 / 5

$\frac{Rise}{Run} = \frac{500}{5} = 100$

Question 07

Find the slope of a line that passes through coordinates $(-1, -120)$ and $(11, 240)$.



240 − (−120) = 360

−1 − 11 = −12

360 / 12

$\frac{Rise}{Run} = \frac{360}{12} = 30$