CRIB SHEET

Student: Stu Dent Course: MFM1P

Teacher: Mr. E. Quation Date of Test: Dec. 1, 2004

Equation of a line $y = mx + b$

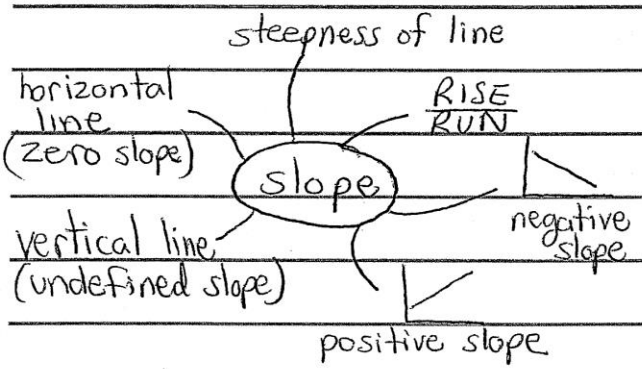
m = slope b = y intercept

slope formula $m = \frac{y_2 - y_1}{x_2 - x_1}$

example Find the slope given $(5, -2)$, $(2, 4)$
$x_1\ y_1$ $x_2\ y_2$

$m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{4-(-2)}{2-5} = \frac{4+2}{2-5}$

$= \frac{6}{-3} = -2$



graphs – independent variable on the x axis
usually TIME (minutes, hours, days)

– dependent variable on the y axis
example COST ($)

– direct variation – graph passes through the origin

– indirect variation – graph does not pass through the origin

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