

Course: _____

Date: _____

1. Capture notes. 2. Add questions. 3. Cover notes and answer. 4. Check and revisit.

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Cornell notes

Worked example: linear functions

Course: Mathematics

Date: _____

Topic: Reading $y = 2x + 3$

CUES / QUESTIONS	NOTES / EXAMPLES
What does the slope tell me?	In $y = 2x + 3$, the slope is 2. Increasing x by 1 increases y by 2.
What is the vertical intercept?	The intercept is 3: when $x = 0$, $y = 3$. The graph crosses the y -axis at $(0, 3)$.
What is y when $x = 4$?	Substitute 4 for x : $y = 2(4) + 3 = 11$.
How can I check my graph?	Plot $(0, 3)$, $(1, 5)$ and $(4, 11)$. The points should lie on one straight line.
SUMMARY IN YOUR WORDS The slope describes the change in y for each unit change in x . The intercept gives y at $x = 0$. Substitution checks points on the line.	

Use the page

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Original layout and example by NowOne. Based on the Cornell note-taking system.

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