

Studying for Math

In math, we learn through practice, so how can I prepare for math test?



Here is a list of strategies for preparing for math tests.

1. Completing test reviews or text book chapter reviews.
2. Redo quizzes
3. Redo homework questions that you struggled with. This means you need to keep track of homework questions that you struggle with each night.
 - Put a colourful star or circle around the questions you get wrong initially.
 - Write yourself a little note about what you did wrong next to the question so you remember that for next time.

Homework Pg. 75 1, 2, 4

1. a) $\left(\frac{3}{4}\right)^{-1}$

$$= \left(\frac{4}{3}\right)^1$$

$$= \frac{4^1}{3^1}$$

$$= \frac{4}{3}$$

b) 3^{-2}

$$= \left(\frac{3}{1}\right)^{-2}$$

$$= \left(\frac{1}{3}\right)^2$$

$$= \frac{1^2}{3^2}$$

$$= \frac{1}{9}$$

The star indicates you struggled initially.

The note reminds you of your mistake.

Note: remember $3 = \frac{3}{1}$

4. Make short summary notes after each night's homework of things you need to remember from that lesson.
 - Reread these each night.
 - Add pictures where possible.

How can you tell a relation is linear?

① equation - $y = mx + b$ (exponent = 1)

② 1st differences are constant (same)

x	y	
0	1	$3 - 1 = 2$
1	3	$5 - 3 = 2$
2	5	$7 - 5 = 2$
3	7	

③ Graph a line