Math 10: Unit 2.3: Squares and Square Roots

* 1. Some definitions
	2. Power:

 23

 ii) What is a 'square number'?

 x2

Ex: 72=

 iii) describe 'square root'







-numbers like are NOT rational square roots.

B)But there is a problem:

* 1. Know: 5x5=25
	2. But (-5)(-5) = 25 also,



* 1. How to find square roots?

* + Use prime roots (like finding GCF earlier)





* + Can we do square roots of negative numbers?

* + Not in grade 10.
	+ 

* + What are 'cubes'?

* +

 i) what are 'cube roots'?

* +

 ii) how to do 'cube roots'?

* + Same method as finding square roots…but now want 3 of the same numbers.

Ex:

Ex:

* + Can we do cubic roots of negative numbers?

 -yes

Ex:

Pg 78 #1-4( left column), 5-10

-quiz next day on GCF, LCM, square roots