SQUARE NUMBERS

Name:		Class:	Due	Date:	
Family Member S	Signature:			_	
Objective:					
In math, we are e roots.	exploring (the idea of perf	ect squares	and calcula	ting their
Necessary Inform	nation:				
A perfect square is a number that when you take that many tiles, you can make a square with them.					
Eg. 16 is a perfect square because 16 tiles makes a 4 by 4 square. $4 \times 4 = 16$ or we can write it, $4^2 = 16$, $\sqrt{16} = 4$					
Practice Section:					
1. Is 36 a perfect square? Explain why using a model, words and symbols.					
Model/Diagram		Symbols		W	Vords
2. Determine the a. 36 cm^2 b. 64 mm^2	s =	cm	c. 400 km	n ² s =	

- 3) Find the square of:
- a) 4

b) 14

- 4) Find the square root of:
- a) 225

- b) 64
- 5) Fill in both blanks in a way that doesn't look the same but means the same.

6) William bought a bag of lawn fertilizer that will cover 400 sq. ft. What are the dimensions of William's square lawn if he buys 4 bags?



In Your Real World:

In construction, carpenters often use a 'square'. With a family member, discuss what this could look like and be used for. Use a resource such as the internet, book, or family friend to find these answers if you need to.