Number		1	2	3	4	5	6	7	8	9
	Squares	1	4	9	16	25	36	49	64	81
1	1	2	5	10	17	26	37	50	65	82
2	4		8	13	20	29	40	53	68	86
3	9			18	25	34	45	58	73	90
4	16				32	41	52	65	80	97
5	25					50	61	74	89	106
6	36						72	85	100	117
7	49							98	113	130
8	64								128	145
9	81									162

This is table to use for a game called " What's my rule?"

How to play the game:
1. Give the students a copy of these numbers: 2 5 8 10 13 17 18 20 25 26 29 34 37 40 41 45 50 52 53 58 61 65 68 72 73 74 80 82 85 86 89 90 97 98 100 106 113 117 128 130 145 162
2. Ask student to give you one of these numbers.
3. Use the "squares" part of the table to tell students two numbers that add up to that number.
4. Continue the game until a student says "rule" and can state the rule correctly.
5. Start the game over.
6. When a student gives you one number from their list reply with the "single digit number" that make their number from the table.

The students will get the concept about adding squares and their square roots. This will be helpful starting off your lesson with the Pythagorean theorem.