

Multiplication Situations

- 1 Ryan is trying to remember the 3-digit combination to his locker. He remembers that 6 is the first digit, but he can't remember the second digit. He remembers that the third digit is an odd number. What is the greatest number of combinations Ryan might have to try before being able to open his locker? _____ combinations

2

		4	8
	×	2	7

← 40×20

← 40×7

← 8×20

← 8×7

20×40 →

7×40 →

20×8 →

7×8 →

		2	7
	×	4	8

- 3 Use estimation to match the problems with the answers.

36×6	1,836
306×6	156
36×36	10,656
13×12	216
96×111	1,296