Name _____   Date _____

1. a. Multiply. Then, add the digits in each product.

10 × 9 = 90	__9__ + __0__ = __9__
9 × 9 = 81	__8__ + __1__ = __9__
8 × 9 =	_____ + _____ = _____
7 × 9 =	_____ + _____ = _____
6 × 9 =	_____ + _____ = _____
5 × 9 =	_____ + _____ = _____
4 × 9 =	_____ + _____ = _____
3 × 9 =	_____ + _____ = _____
2 × 9 =	_____ + _____ = _____
1 × 9 =	_____ + _____ = _____

   b. What pattern did you notice in Problem 1(a)? How can this strategy help you check your work with nines facts?

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2. Thomas calculates 9 × 7 by thinking about it as 70 – 7 = 63. Explain Thomas' strategy.

3. Alexia figures out the answer to 6 × 9 by lowering the thumb on her right hand (shown). What is the answer? Explain Alexia's strategy.

4. Travis writes 72 = 9 × 8. Is he correct? Explain at least 2 strategies Travis can use to check his work.