Grade 5 Module 2 Homework Lessons 4 & 5

Lesson 4

1. Circle each expression that is not equivalent to the expression in **bold**.

   a. **37 × 19**

37 nineteens	(30 × 19) – (7 × 29)	37 × (20 – 1)	(40 – 2) × 19

   b. **26 × 35**

35 twenty-sixes	(26 + 30) × (26 + 5)	(26 × 30) + (26 × 5)	35 × (20 + 60)

   c. **34 × 89**

34 × (80 + 9)	(34 × 8) + (34 × 9)	34 × (90 – 1)	89 thirty-fours

Lesson 5

1. Draw an area model, and then solve using the standard algorithm. Use arrows to match the partial products from the area model to the partial products in the algorithm.

   a. 24 × 21 = _____

   2 4
   × 2 1

   b. 242 × 21 = _____

   2 4 2
   × 2 1

2. Solve using the standard algorithm.

   a. $314 \times 22 =$ _____

   b. $413 \times 22 =$ _____

   c. $213 \times 32 =$ _____

3. A young snake measures 0.23 meters long. During the course of his lifetime, he will grow to be 13 times his current length. What will his length be when he is full grown?