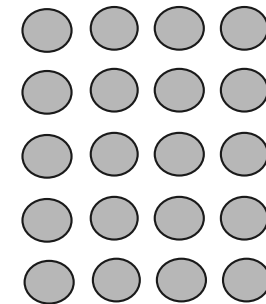Name _____   Date _____

1. Label the array. Then, fill in the blanks below to make true number sentences.

    a. **6 × 4 = _____**

    $(5 × 4) = \underline{20}$
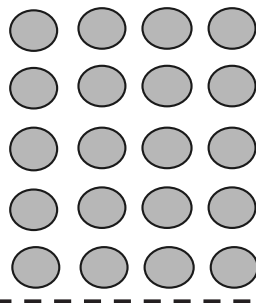
    (___ × 4) = _____   **(6 × 4)** = (5 × 4) + (___ × 4)

    = $\underline{20}$ + _____

    = _____

    _____

    b. **8 × 4 = _____**

    $(5 × 4) = $ _____

    (___ × 4) = _____

    (8 × 4) = (5 × 4) + (___ × 4)

    = _____ + _____

    = _____

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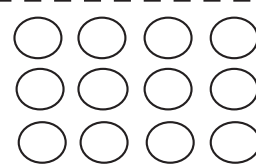
2. Match the multiplication expressions with their answers.

4 × 6 4 × 7 4 × 8 4 × 9

32 28 36 24

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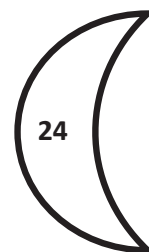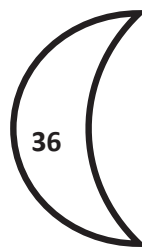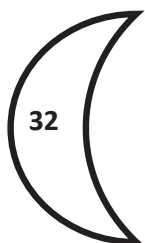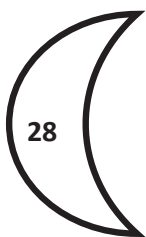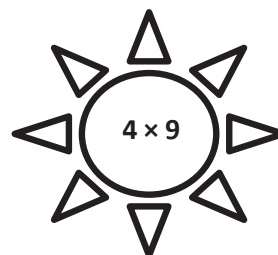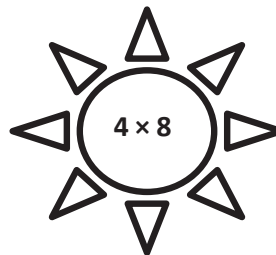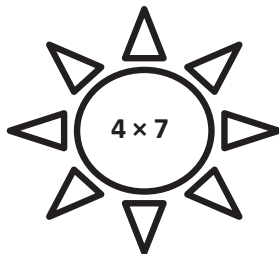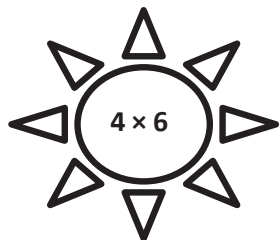
3. The array below shows one strategy for solving 9 × 4. Explain the strategy using your own words.

(5 × 4) = _____

(4 × 4) = _____

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Lesson 16: Use the distributive property as a strategy to find related multiplication facts.

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