Name _____

Date _____

- 1. Represent the following expressions with disks, regrouping as necessary, writing a matching expression, and recording the partial products vertically as shown below.
 - a. 2 × 424

hundreds	tens	ones
••••	• •	••••



2 × _____ + 2 × ____ + 2 × ____ ones

b. 3 × 424

hundreds	tens	ones

c. 4 × 1,424



Lesson 8:

Extend the use of place value disks to represent three- and four-digit by one-digit multiplication.



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Represent the following expressions with disks, using either method shown in class, regrouping as necessary. To the right, record the partial products vertically.
a. 2 × 617

b. 5 × 642

c. 3 × 3,034



Lesson 8:

Extend the use of place value disks to represent three- and four-digit by one-digit multiplication.



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- 3. Every day, Penelope jogs three laps around the playground to keep in shape. The playground is rectangular with a width of 163 m and a length of 320 m.
 - a. Find the total amount of meters in one lap.

b. Determine how many meters Penelope jogs in three laps.



Lesson 8:

Extend the use of place value disks to represent three- and four-digit by one-digit multiplication.



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