

Name \_\_\_\_\_

## Multiply by 2-Digit Numbers

**I Can** solve real-world problems using multiplication.

**Florida's B.E.S.T.**

- Algebraic Reasoning 4.AR.1.1
- Number Sense & Operations 4.NSO.2.3
- Mathematical Thinking & Reasoning  
MTR.2.1, MTR.4.1, MTR.6.1, MTR.7.1



### UNLOCK the Problem

During the 2010 Great Backyard Bird Count, an average of 42 bald eagles were counted in each of 20 locations throughout Alaska. In 2009, an average of 32 bald eagles were counted in each of 26 locations throughout Alaska. Based on this data, how many more bald eagles were counted in 2010 than in 2009?

Use the graphic organizer to help you solve the problem.



## Try Another Problem

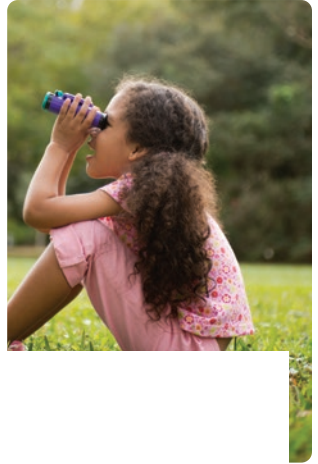
Prescott Valley, Arizona, reported a total of 29 mourning doves in the Great Backyard Bird Count. Mesa, Arizona, reported 20 times as many mourning doves as Prescott Valley. If Chandler reported a total of 760 mourning doves, how many more mourning doves were reported in Chandler than in Mesa?

Mourning dove ►



What is another way you could solve this problem?

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**Share and Show**

- ✓ 1. An average of 74 reports with bird counts were turned in each day in June. An average of 89 were turned in each day in July. How many reports were turned in for both months? (Hint: There are 30 days in June and 31 days in July.)

- ✓ 2. What if an average of 98 reports were turned in each day for the month of June? How many reports were turned in for June? Describe how your answer for June would be different.

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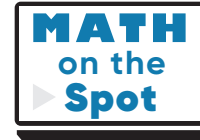
3. There are 48 crayons in a box. There are 12 boxes in a carton. Mr. Chou ordered 11 cartons of crayons for the school. How many crayons did he get?

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4. **MTR** Each of 8 bird-watchers reported seeing 15 roseate spoonbills in a day. If they each reported seeing the same number of roseate spoonbills over 14 days, how many would be reported?

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## On Your Own



5. On each of Maggie's bird-watching trips, she has seen at least 24 birds. If she has taken 4 of these trips each year over the past 16 years, at least how many birds has Maggie seen?

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6. **MTR** There are 12 inches in a foot. In September, Mrs. Baeza orders 64 feet of ribbon for the Crafts Club. In January, she orders 9 feet less. How many inches of ribbon does Mrs. Baeza order?

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7. Ekta is having a party on Saturday. She decides to write a riddle on her invitations to describe her house number on Cypress Street. Use the clues to find Ekta's address.

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8. A school is adding 4 rows of seats to the auditorium. There are 37 seats in each row. Each new seat costs \$99. What is the total cost for the new seats? Show your work.

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