







Additional Practice 3-5 Multiply 3-Digit by 2-Digit Numbers

Another Look!

Last year, 23 students in fifth grade were assigned a kindergarten student as a reading buddy. Each student read for 1 hour during each reading session and for a total of 128 sessions. How many hours in all did the fifth-grade students read?



Step 1

Multiply by the ones. Regroup as needed.

Step 2

Multiply by the tens. Regroup as needed.

Step 3

Add to get the final product.

The fifth-grade students read for 2,944 hours in all. The answer is reasonable because it is close to the estimate.

In 1–10, find each product. Estimate to check that your answer is reasonable.

- Multiply by the ones.

– Multiply by the tens.

Add the partial products.

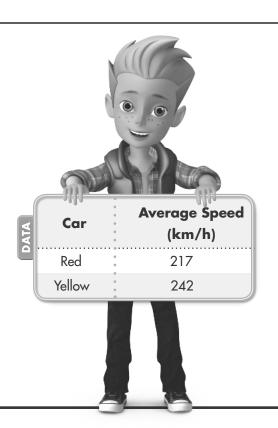
— Multiply by the ones.

Multiply by the tens.

Add the partial products.

- **11. Critique Reasoning** Is 2,750 a reasonable answer for 917 × 33? Explain.
- **12. Wocabulary** What two partial products would you add to find 513 × 46?

- **13.** How many kilometers could the red car travel in 12 hours? Write an equation to show your work.
- **14. Higher Order Thinking** In 12 hours, how many more kilometers could the yellow car go than the red car? Show your work.



Assessment Practice

15. Katie is building a rectangular wall. The wall will be 332 bricks wide and 39 bricks tall. How many bricks does she need to build the wall?

16. What is the product?

$$311 \times 42$$

- (A) 1,822
 - (B) 1,866
 - © 13,062
 - **(D)** 13,082