Name _____

Using Mental Math to Multiply 2-Digit Numbers

Multiply. Use mental math.

1. $40 \times 30 =$ _____ **2.** $50 \times 90 =$ _____

3. $90 \times 20 =$ _____ **4.** $60 \times 50 =$ _____

5. $30 \times 60 =$ _____ **6.** $40 \times 60 =$ _____

7. $90 \times 70 =$ _____ **8.** $70 \times 40 =$ _____

9. $50 \times 80 =$ _____ **10.** $30 \times 80 =$ _____

11. $90 \times 50 =$ _____ **12.** $50 \times 40 =$ _____

13. How many zeros are in the product of 60×90? Explain how you know.

_____

_____

Student A can type 40 words in one minute. Student B can type 30 words in one minute.

14. How many words can Student A type in 20 minutes? _____

15. How many words can Student B type in 30 minutes? _____

16. How many words can Student A type in 60 minutes?

   A 240   **B** 2,400   **C** 24,000   **D** 240,000

17. **Writing to Explain** There are 30 players on each high school football team. Explain how you can find the total number of players if there are 40 teams.

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