4-7 Homework

Name _____ Date _____

Solve.

1. $0.3 \times 0.6 =$ _____
2. $0.4 \times 0.07 =$ _____
3. $0.03 \times 0.8 =$ _____
4. $5 \times 0.07 =$ _____
5. $0.02 \times 0.3 =$ _____
6. $0.05 \times 0.9 =$ _____

7. 1.8×6
8. 0.23×40
9. 0.14×0.9
10. 0.36×0.8
11. 1.4×0.5
12. 0.32×51
13. 0.6×0.14
14. 2.6×0.9

Solve using mental math.

15. $82 \times 0.01 =$ _____
16. $385 \times 0.1 =$ _____
17. $2{,}194 \times 0.01 =$ _____

Solve.

18. Simon sold bottles of water at the marathon on Saturday for $0.75 per bottle. He sold 43 bottles. How much money did he earn?

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19. Lauren has 9.9 meters of ribbon. She is cutting it into 100 equal pieces. That is the same as multiplying 9.9 by 0.01. How long will each piece of ribbon be?

_____

20. A furlong is a unit of measure used in horse racing. Every year, horses race 10 furlongs in the Kentucky Derby. One furlong is equal to 0.125 mile. How long is the Kentucky Derby in miles?

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4-7 Name _____ Date _____

Remembering

Use the Distributive Property to rewrite each problem so it has only two factors. Then solve.

1. $(7 \times 200) + (7 \times 800) =$ _____

2. $(44 \times 3) + (56 \times 3) =$ _____

Multiply. Simplify first if you can.

3. $\frac{5}{8} \cdot \frac{6}{7} =$ _____

4. $\frac{1}{5} \cdot \frac{2}{9} =$ _____

5. $\frac{1}{2} \cdot \frac{4}{9} =$ _____

6. $\frac{2}{3} \cdot \frac{15}{16} =$ _____

7. $\frac{1}{8} \cdot \frac{6}{7} =$ _____

8. $\frac{9}{10} \cdot \frac{5}{6} =$ _____

Solve.

9. 0.7×6

10. 0.02×60

11. 0.15×34

12. 0.41×66

13. 1.24×6

14. 260×0.3

15. **Stretch Your Thinking** Explain where to place the decimal point in the product for the expression $0.5 \cdot 0.03$.

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