Name: _____

1-7 Additional Practice

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Leveled Practice **In 1–8, multiply.**

1. $-\frac{11}{14} \cdot \left(-\frac{1}{17}\right)$

2. $-2\frac{1}{2} \cdot \left(-1\frac{2}{3}\right)$

3. $-\frac{5}{12} \cdot \frac{5}{8}$

4. $\frac{2}{7} \cdot \left(-\frac{7}{9}\right)$

5. $-0.3 \cdot (-0.27)$

6. $-5.5 \cdot 0.021$

7. $-4\frac{1}{2} \cdot -3\frac{3}{4}$

8. $7.75 \cdot \left(-1\frac{2}{3}\right)$

9. Annalise withdraws $22.50 each day from her account for a week. How can you represent the change in the account for the week?

10. Kyle incorrectly says that the product of $-\left(-\frac{6}{7}\right) \cdot \left(-\frac{1}{11}\right)$ is $\frac{6}{77}$.

a. What is the correct product?

b. What was Kyle's likely error?

11. After a recycling awareness program, the number of tons of recyclable material taken to the landfill is reduced by $13\frac{7}{10}$ tons per month. Represent the total change in the tons of recyclable material taken to the landfill after 7 months resulting from the awareness program. Show your work.

12. Higher Order Thinking Place these products in order from least to greatest.

$5\frac{5}{7} \cdot 5\frac{5}{7}$ $\quad$ $4\frac{5}{7} \cdot \left(-6\frac{5}{7}\right)$ $\quad$ $-7\frac{1}{7} \cdot \left(-4\frac{4}{5}\right)$

Assessment Practice

13. Find the product of $-2 \cdot (-4) \cdot 9$. Describe how you use the properties of multiplication to find the product. Is the product positive or negative?

14. Robert says the product of $5 \cdot (-8) \cdot 2$ is 80. What was his likely error?