Name _____ Date _____
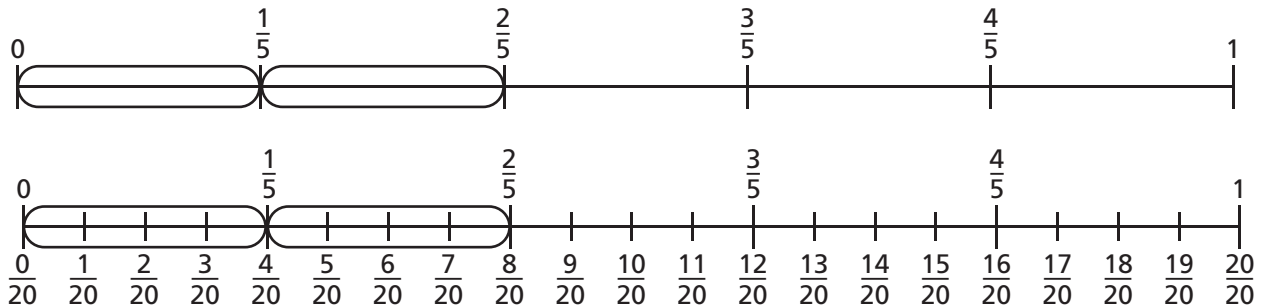
Tanith is using a number line to find $\frac{3}{4} \cdot \frac{2}{5}$. This is her work so far:

1. Explain Tanith's work so far to someone at home.

2. Finish Tanith's work by circling $\frac{3}{4}$ of each
circled fifth. How many 20ths did you circle altogether? _____

What is $\frac{3}{4} \cdot \frac{2}{5}$? _____

3. Use the number line to find $\frac{2}{3} \cdot \frac{5}{6}$.
Label all the parts above and below. _____

Solve.   *Show your work.*

4. Four friends at a party popped $\frac{3}{4}$ of a bag of popcorn.
They ate half of what was popped. What fraction of the
popcorn in the bag did they eat? _____

5. Ashley brought $\frac{7}{8}$ gallon of lemonade to the party.
Her friends drank $\frac{2}{3}$ of it. How many gallons of
lemonade did they drink? _____

Multiply. You do not need to simplify.

6. $\frac{2}{7} \cdot \frac{1}{3} =$ _____

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

8. $\frac{1}{8} \cdot \frac{5}{6} =$ _____

9. $\frac{2}{7} \cdot 12 =$ _____

10. $\frac{4}{5} \cdot \frac{2}{3} =$ _____

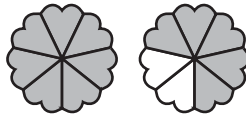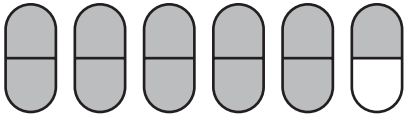**11.** $\frac{1}{7} \cdot \frac{3}{5} =$ _____

12. $\frac{9}{10} \cdot \frac{1}{2} =$ _____

13. $\frac{5}{12} \cdot 3 =$ _____

14. $\frac{5}{6} \cdot \frac{1}{6} =$ _____

Remembering

Name the mixed number shown by the shaded parts.

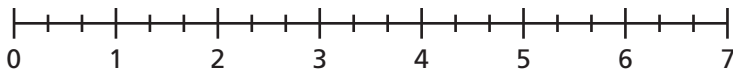**1.** _____ **2.** _____ **3.** _____

Add.

4. $454 + 0.65 =$ _____ **5.** $80.55 + 0.91 =$ _____ **6.** $31.78 \text{ m} + 6.2 \text{ m} =$ _____

7. Show $\frac{1}{3}$ of 7 on the number line.

8. Write $\frac{1}{3}$ of 7 as a fraction. _____

9. Write $\frac{1}{3}$ of 7 as a mixed number. _____

10. Stretch Your Thinking Solve for the unknown fraction. Then divide and shade an area model to show the equation. $\frac{2}{5} \cdot \; ? = \frac{10}{30}$.

_____

Multiply a Fraction by a Fraction