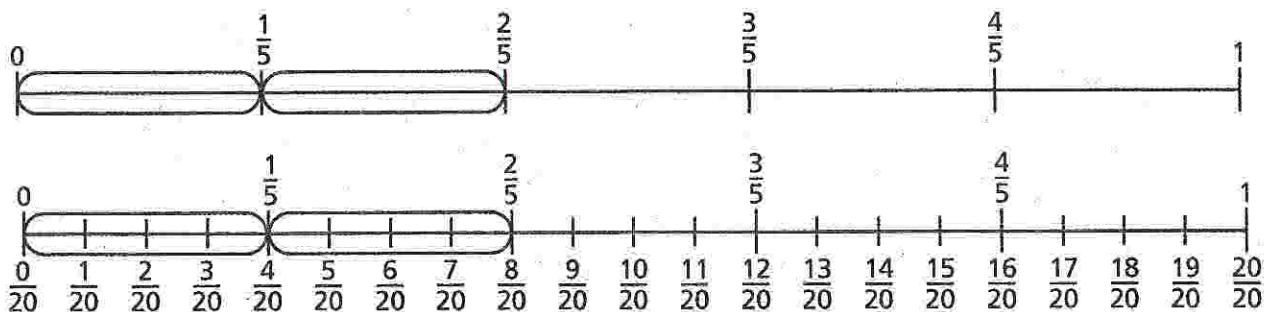


Homework

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

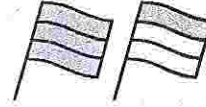
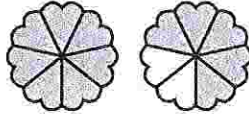
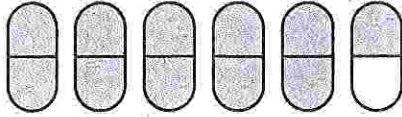
12. $\frac{9}{10} \cdot \frac{1}{2} =$ _____

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. $\frac{2}{5} \cdot ? = \frac{10}{30}$

