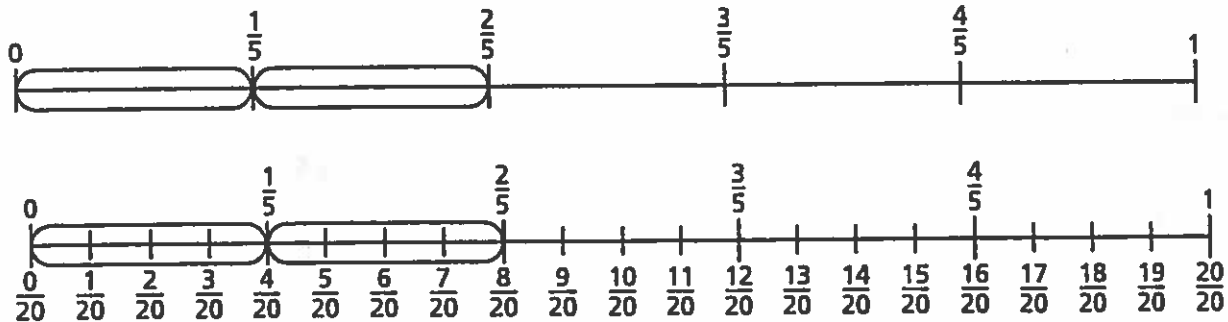


Homework

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



1. Explain Steps 1 and 2 to someone at home.
2. Finish Tanith's work by circling $\frac{3}{4}$ of each circled fifth.

How many 20th's did you circle altogether? _____

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

3. Use the number line to find $\frac{2}{3} \times \frac{5}{6}$.
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 $\frac{7}{8}$ of a 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. $\frac{2}{7} \times \frac{1}{3} =$ _____

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

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

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

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

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

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

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

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

Remembering

Estimate each product. Show your work.

1. $4.8 \times 47 \approx$ _____

2. $0.211 \times 8 \approx$ _____

3. $13.9 \times 11 \approx$ _____

Multiply. Compare your answer to your estimate above.

4.
$$\begin{array}{r} 4.8 \\ \times 47 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 0.211 \\ \times 8 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 13.9 \\ \times 11 \\ \hline \end{array}$$

Find the unknown number in each Factor Puzzle.

7.

12	24
20	○

8.

○	12
24	18

9.

36	18
40	○

10.

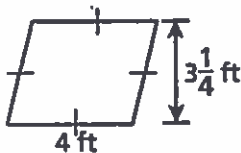
7	○
28	16

11. Complete the rule, in words, for the function table.
Then write the equation.

Rule in Words: Multiply by _____, subtract _____							
Equation: _____							
Input (x)	3	5	8	13	20	31	
Output (y)	2	6	12	22	36	58	

Find the perimeter and area of each figure. Show your work.

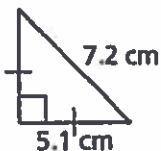
12.



$P =$ _____

$A =$ _____

13.



$P =$ _____

$A =$ _____