

1. What is the multiplication statement for :

A) $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$ STATEMENT _____

B) $\frac{2}{5} + \frac{2}{5} + \frac{2}{5} + \frac{2}{5} + \frac{2}{5} + \frac{2}{5}$ STATEMENT _____

2. Identify the type of fraction: proper fraction, improper fraction or mixed fraction.

A) $3\frac{4}{5}$ _____	B) $\frac{15}{4}$ _____	C) $\frac{2}{3}$ _____
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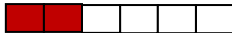
3. Convert the following:

A) improper fraction of $3\frac{2}{7}$ _____

B) mixed number for $\frac{18}{5}$ _____

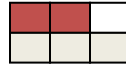
C) simplest form of $\frac{64}{40}$ _____

4. Identify the fraction modelled below.

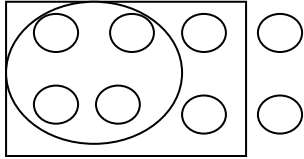
<p>MODEL</p>  <p>PROPER FRACTION _____</p>	<p>MODEL</p>   <p>IMPROPER FRACTION: _____</p> <p>MIXED FRACTION: _____</p>
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5. Create a word problem which uses: $\frac{1}{3} \times \frac{3}{4}$. State your answer.

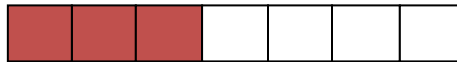
6. A) What is the product of fractions shown here ?



B) What is the multiplication statement for the counters below?



C) What is the division statement for the following model?



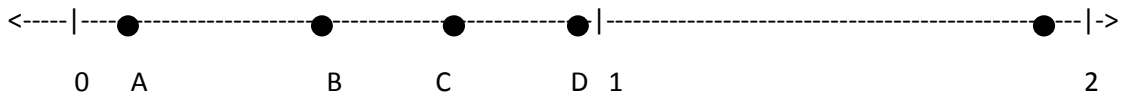
D) Model $2 \times \frac{3}{5}$ with the model of your choice.

E) Draw the area model for $2 \frac{3}{4} \times 1 \frac{1}{2}$ THEN state your answer.

F) Draw a model of your choice for $\frac{1}{2} \div \frac{1}{3}$.

8. Estimation:

A) What fraction is a good estimation for the number on this number line?



FRACTION	LETTER
$\frac{5}{12}$	
$\frac{1}{11}$	
$\frac{5}{12}$	
$\frac{15}{9}$	
$\frac{18}{19}$	

B) What is a good estimation for $\frac{11}{23} \times \frac{16}{17}$?

_____ x _____ ÷ _____

Product of estimates final estimation

9. Complete the following table.

PROBLEM	OPERATION NECESSARY	Evaluate each problem. Show workings.	
A) Eugene had $\frac{2}{3}$ cup of milk. He added more milk so he had his glass $\frac{11}{12}$ cup full. How much did he add?			
B) George has $\frac{5}{9}$ of a pizza. He ate $\frac{2}{3}$ of this. (i) What fraction did he eat? (ii) What fraction is left over?	(i) (ii)	What fraction did he eat?	What fraction is left over?
C) Bob had $\frac{2}{3}$ of gallon of paint. He added $\frac{1}{4}$ of a different colour. How much paint does he have?			
D) Violet had $\frac{4}{5}$ of a cake. She shared it with 5 of her friends. How much does each person get?			

17. Evaluate.

A) $\frac{2}{3} + \frac{4}{5}$

E) $6\frac{1}{4} - 2\frac{3}{5}$

B) $\frac{4}{10} \times \frac{20}{25}$

F) $1\frac{2}{3} \times 4$

C) $\frac{4}{7} \div \frac{12}{28}$

G) $2\frac{3}{7} \div 1\frac{2}{5}$

D) $\frac{21}{20} - \frac{3}{10} \times 2$

H) $\frac{1}{5} + \frac{2}{3} \div \frac{4}{18}$

21. Gloria completed the following questions on her test. Are her solutions correct? Explain your answers.

A) $\frac{1}{2} + \frac{3}{4} = \frac{4}{6}$

B) $\frac{9}{10} - \frac{1}{2} = \frac{8}{8}$

C) $\frac{3}{10} \div 5 = \frac{15}{10}$

D) $2\frac{1}{3} \times 4\frac{5}{6} = 8\frac{5}{18}$
