1) Clara has 16 cupcakes.	1) Clara has 16 cupcakes.
a) Use the counters above to represent	a) Use the counters above to represent
Clara's cupcakes and find:	Clara's cupcakes and find:
$\frac{1}{2}$ of 16 = $\frac{1}{4}$ of 16 = $\frac{1}{8}$ of 16 =	$\frac{1}{2}$ of 16 = $\frac{1}{4}$ of 16 = $\frac{1}{8}$ of 16 = $\frac{1}{8}$
 b) Use the answers to the calculations above to help find: 	b) Use the answers to the calculations above to help find:
$\frac{2}{2}$ of 16 = $\frac{3}{4}$ of 16 = $\frac{5}{8}$ of 16 =	$\frac{2}{2}$ of 16 = $\frac{3}{4}$ of 16 = $\frac{5}{8}$ of 16 = $\frac{5}{8}$
2) Use this bar model to find and represent:	2) Use this bar model to find and represent:
48	48
$\frac{1}{8}$ of 48 = 48 ÷ 8 = 28 of 48 of	$\frac{1}{8}$ of 48 = 48 ÷ 8 = 2 $\frac{2}{8}$ of 48 = 2
$\frac{3}{8}$ of 48 = $\frac{4}{8}$ of 48 = $\frac{5}{8}$ of 48 = $\frac{5}{8}$	$\frac{3}{8}$ of 48 = $\frac{4}{8}$ of 48 = $\frac{5}{8}$ of 48 = $\frac{5}{8}$
$\frac{6}{8}$ of 48 = $\frac{7}{8}$ of 48 = $\frac{8}{8}$ of 48 = $\frac{1}{8}$	$\frac{6}{8}$ of 48 = $\frac{7}{8}$ of 48 = $\frac{8}{8}$ of 48 = $\frac{1}{8}$
3) Draw a bar model to solve the problem.	3) Draw a bar model to solve the problem.
Finn drinks 5/5 of a 630ml bottle of water.	Finn drinks $\frac{5}{9}$ of a 630ml bottle of water.
a) How many ml did Finn drink?	a) How many ml did Finn drink?
b) How many ml are left in the bottle?	b) How many ml are left in the bottle?
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	1) Explain the mistake.
1) Explain the mistake.	1) Explain the mistake.
twinkL.com	
1) Explain the mistake.	1) Explain the mistake.
1) Explain the mistake. $ \begin{bmatrix} \frac{2}{5} \text{ of } 50 \\ \hline $	1) Explain the mistake. $ \int \frac{2}{5} of 50 = 125 $
1) Explain the mistake. $ \begin{bmatrix} 2 & of & 50 \\ 5 & of & 50 \end{bmatrix} = 125 $ 2) Which is the odd one out and why?	 1) Explain the mistake. 2 of 50 = 125 2) Which is the odd one out and why?
1) Explain the mistake. $ \begin{bmatrix} \frac{2}{5} \text{ of } 50 \\ \hline $	1) Explain the mistake. $ \int \frac{2}{5} of 50 = 125 $
1) Explain the mistake. $ \begin{bmatrix} 2 & of 50 \\ 5 & of 50 \end{bmatrix} = 125 $ 2) Which is the odd one out and why? a) $\frac{3}{6}$ of 24 b) $\frac{2}{8}$ of 56 c) $\frac{4}{20}$ of 60 3) True or False? Convince me.	2) Which is the odd one out and why? a) $\frac{3}{6}$ of 24 b) $\frac{2}{8}$ of 56 c) $\frac{4}{20}$ of 60 3) True or False? Convince me.
1) Explain the mistake. $ \begin{bmatrix} 2 & of & 50 \\ 3 & c \end{bmatrix} = 125 $ 2) Which is the odd one out and why? a) $\frac{3}{6}$ of 24 b) $\frac{2}{8}$ of 56 c) $\frac{4}{20}$ of 60 3) True or False? Convince me. $ \begin{bmatrix} 3 \\ 4 \\ 3 \\ 4 \\ 3 \\ 4 \\ 3 \\ 4 \\ 3 \\ 4 \\ 3 \\ 5 \\ 3 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5$	1) Explain the mistake. $ \begin{bmatrix} 2 & of 50 \\ 3 & of 50 \end{bmatrix} = 125 $ 2) Which is the odd one out and why? a) $\frac{3}{6}$ of 24 b) $\frac{2}{8}$ of 56 c) $\frac{4}{20}$ of 60 3) True or False? Convince me. $ \begin{bmatrix} 3 \\ 4 \\ 3 \\ 4 \\ 3 \\ 4 \\ 5 \\ 3 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5$
1) Explain the mistake. $ \begin{bmatrix} 2 & of 50 \\ 5 & of 50 \end{bmatrix} = 125 $ 2) Which is the odd one out and why? a) $\frac{3}{6}$ of 24 b) $\frac{2}{8}$ of 56 c) $\frac{4}{20}$ of 60 3) True or False? Convince me.	1) Explain the mistake. $ \begin{bmatrix} 2 \\ 5 \\ 6 \\ 7 \\ 5 \end{bmatrix} = 125 $ 2) Which is the odd one out and why? a) $\frac{3}{6}$ of 24 b) $\frac{2}{8}$ of 56 c) $\frac{4}{20}$ of 60 3) True or False? Convince me.
1) Explain the mistake. $ \begin{bmatrix} 2 & of & 50 \\ 3 & c \end{bmatrix} = 125 $ 2) Which is the odd one out and why? a) $\frac{3}{6}$ of 24 b) $\frac{2}{8}$ of 56 c) $\frac{4}{20}$ of 60 3) True or False? Convince me. $ \begin{bmatrix} 3 \\ 4 \\ 3 \\ 4 \\ 3 \\ 4 \\ 3 \\ 4 \\ 3 \\ 4 \\ 3 \\ 5 \\ 3 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5$	1) Explain the mistake. $ \begin{bmatrix} 2 & of 50 \\ 3 & of 50 \end{bmatrix} = 125 $ 2) Which is the odd one out and why? a) $\frac{3}{6}$ of 24 b) $\frac{2}{8}$ of 56 c) $\frac{4}{20}$ of 60 3) True or False? Convince me. $ \begin{bmatrix} 3 \\ 4 \\ 3 \\ 4 \\ 3 \\ 4 \\ 5 \\ 3 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5$
1) Explain the mistake. $ \begin{array}{c} \hline 2 & of & 50 \\ \hline 3 & of & 24 \\ \hline 4 & b) & \frac{2}{8} & of & 56 \\ \hline 3 & True & or False? Convince me. \end{array} $ $ \begin{array}{c} \hline 3 & f & 32 & is greater \\ & than & \frac{12}{16} & of & 32. \end{array} $	1) Explain the mistake. $ \begin{bmatrix} 2 & of & 50 \\ 3 & of & 50 \end{bmatrix} = 125 $ 2) Which is the odd one out and why? a) $\frac{3}{6}$ of 24 b) $\frac{2}{8}$ of 56 c) $\frac{4}{20}$ of 60 3) True or False? Convince me. $ \begin{bmatrix} 3 & 0 & 32 & 12 \\ 3 & 0 & 12 & 12 \\ 3 & 0 & 12 $

 Moses has a bag of 20 double-sided counters. He throws some into the air. Half of them land on red while the other half land on yellow. Moses turns over two of the counters and now four-sixths are red.





How many counters did Moses throw into the air at the beginning?

2) Solve this problem.

Franz has a bag of 96 sweets. Some are red, $\frac{4}{12}$ are green and half are blue. What fraction and quantity are red?



3) Use all the digit cards once to complete this calculation.



