FRACTIONS UNIT 1

NAME: _____ GRADE: _____ DATE: _____

1. Write as a fraction:

   a) Two-thirds _____   b) one and five tenths _____

2. Reduce each fraction to lowest terms:

   a) $\dfrac{21}{28} = -$ b) $\dfrac{150}{300} = -$ c) $\dfrac{36}{63} = -$

3. Make the following fraction equivalent:

   a) $\dfrac{9}{10} = \dfrac{}{30}$ b) $\dfrac{5}{8} = \dfrac{}{16}$ c) $\dfrac{45}{60} = \dfrac{3}{}$

4. Change each fraction to a whole or mixed number:

   a) $\dfrac{24}{6} = -$ b) $\dfrac{71}{8} = -$ c) $\dfrac{45}{7} = -$

5. Change each mixed number to an improper fraction:

   a) $4\dfrac{1}{6} = -$ b) $1\dfrac{5}{8} = -$ c) $5\dfrac{2}{12} = -$

6. There are 24 bottles of water in a full case. If 17 bottles were given away.
   a) how many were left
   b) what fraction of the case:
        i)   was given away
        ii)   remained?

7. Debbie needs $\frac{6}{8}$ cup carrots to make a carrot cake. What is this amount in lowest terms?

8. Vincent is preparing oats for breakfast. He needs a $\frac{1}{2}$ cup of oats but only has a $\frac{1}{8}$ measuring cup. How many $\frac{1}{8}$ cups of oats does he needs to get $\frac{1}{2}$ cup?

9. Yesterday it rained $\frac{3}{10}$ inch New Providence. It rained $\frac{3}{4}$ inch in Andros. Which island got more rain?