Fraction Problems

Homework

1. Find the missing numerator or denominator.

A. $\dfrac{4}{3} = \dfrac{\boxed{}}{6}$

B. $\dfrac{2}{3} = \dfrac{6}{\boxed{}}$

C. $\dfrac{4}{12} = \dfrac{1}{\boxed{}}$

D. $\dfrac{9}{12} = \dfrac{\boxed{}}{4}$

E. $\dfrac{5}{2} = \dfrac{\boxed{}}{6}$

F. $\dfrac{6}{8} = \dfrac{\boxed{}}{12}$

G. Explain how you solved Question 1F.

2. Change the improper fractions to mixed numbers. Then use the code to find the mystery word.

Improper Fraction	$\frac{11}{4}$	$\frac{16}{3}$	$\frac{15}{2}$	$\frac{14}{5}$	$\frac{25}{8}$
Mixed Number					
Letter					

Code

Mixed Number	$2\frac{1}{4}$	$5\frac{2}{3}$	$7\frac{1}{2}$	$2\frac{4}{5}$	$3\frac{1}{8}$	$2\frac{3}{4}$	$4\frac{1}{8}$	$5\frac{1}{3}$
Letter	E	O	R	T	Y	P	N	A

The mystery word is _____.

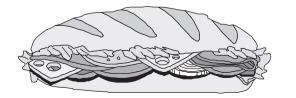**Solve the problems about Mr. Moreno's classroom party.**

3. Carla ate $\frac{3}{5}$ of her bag of popcorn and Levi ate $\frac{7}{10}$ of his bag of popcorn.

    A. How much popcorn did they eat altogether? Write a number sentence.

    B. Who ate more popcorn?

4. Mr. Moreno ordered a jumbo pizza for the classroom party. $\frac{2}{9}$ of the pizza had green peppers, $\frac{2}{3}$ of the pizza had mushrooms, and $\frac{6}{12}$ of the pizza had pepperoni. How much of the pizza had vegetables on it? Write a number sentence.

5. There was a large submarine sandwich at the party, too. Miguel ate $\frac{1}{4}$ of the sandwich, Emily ate $\frac{1}{2}$ of the sandwich, and Roberto ate $\frac{2}{8}$ of the sandwich.

    A. How much of the sandwich did they eat altogether? Write a number sentence.

    B. Who ate the largest portion of the sandwich?

    C. Show or tell how you solved Question 5B.