Name_____

1. Order the following from greatest to least: *(show work)*

$$8\,^5/_9 \qquad 7\,^7/_8 \qquad 8\,^6/_{10}$$

A $\quad 8\,^5/_9 \; > \; 7\,^7/_8 \; > \; 8\,^6/_{10}$

B $\quad 8\,^6/_{10} \; > \; 8\,^5/_9 \; > \; 7\,^7/_8$

C $\quad 7\,^7/_8 \; > \; 8\,^5/_9 \; > \; 8\,^6/_{10}$

D $\quad 8\,^5/_9 \; > \; 8\,^6/_{10} \; > \; 7\,^7/_8$

2. Sandy bought 20 doughnuts. Nine of the doughnuts were chocolate, six were plain, and the rest were glazed. What ratio represents the glazed dough-nuts to the total bought? *(Label the ratio)*

A $\quad$ 1:4

B $\quad$ 3:4

C $\quad$ 1:3

D $\quad$ 2:5

3. Jackie collected marbles. 20 were red, 18 were blue, and 12 were clear. What percent of the marbles were blue? *(show how you found the percent)*

A $\quad$ 18%

B $\quad$ 50%

C $\quad$ 32%

D $\quad$ 36%

4. Phillip gathered 3 cartons of eggs. Each carton had 12 eggs. He broke $^1/_6$ of the eggs when he dropped them. How many eggs were left to sale? *(Show or model how many were left)*

A $\quad$ **6 eggs**

B $\quad$ **12 eggs**

C $\quad$ **24 eggs**

D $\quad$ **30 eggs**

5. Brian had $^1/_2$ gallon of ice cream left in the freezer. $^3/_4$ of the ice cream left in the freezer melted. How much of the whole gallon had melted? *(Model or show how much of the whole melted)*

A $\quad ^1/_4$ **of a gallon**

B $\quad ^3/_8$ **of a gallon**

C $\quad ^1/_2$ **of a gallon**

D $\quad ^1/_8$ **of a gallon**

6. Which of the following is false?

A $\quad$ **25% $< ^3/_8$**

B $\quad ^5/_9$ **> 50%**

C $\quad ^4/_{10}$ **= 4%**

D $\quad ^3/_5$ **= 0.6**