

6th Review #37 – WORK MUST BE SHOWN FOR EACH PROBLEM – NO CALCULATORS

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

$8 \frac{5}{9}$ $7 \frac{7}{8}$ $8 \frac{6}{10}$

A $8 \frac{5}{9} > 7 \frac{7}{8} > 8 \frac{6}{10}$

B $8 \frac{6}{10} > 8 \frac{5}{9} > 7 \frac{7}{8}$

C $7 \frac{7}{8} > 8 \frac{5}{9} > 8 \frac{6}{10}$

D $8 \frac{5}{9} > 8 \frac{6}{10} > 7 \frac{7}{8}$

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

A **1:4**

B **3:4**

C **1:3**

D **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 **18%**

B **50%**

C **32%**

D **36%**

Name: _____

4. Phillip gathered 3 cartons of eggs. Each carton had 12 eggs. He broke $\frac{1}{6}$ of the eggs when he dropped them. How many eggs were left to sale? (*Show or model how many were left*)

A **6 eggs**

B **12 eggs**

C **24 eggs**

D **30 eggs**

5. Brian had $\frac{1}{2}$ gallon of ice cream left in the freezer. $\frac{3}{4}$ 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 **$\frac{1}{4}$ of a gallon**

B **$\frac{3}{8}$ of a gallon**

C **$\frac{1}{2}$ of a gallon**

D **$\frac{1}{8}$ of a gallon**

6. Which of the following is false?

A **$25\% < \frac{3}{8}$**

B **$\frac{5}{9} > 50\%$**

C **$\frac{4}{10} = 4\%$**

D **$\frac{3}{5} = 0.6$**