

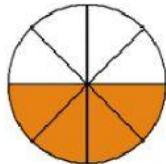
NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

## FRACTIONS: QUIZ

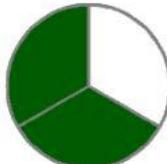
### MATHEMATICAL CONCEPTS

5

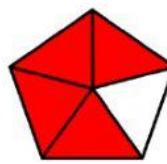
1. What is the fraction of the **shaded** area in the following figures?



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

[1, 1, 1]

2. State whether the following pair of fractions are like or unlike.

$$\frac{2}{7} \quad \frac{1}{8}$$

\_\_\_\_\_

$$\frac{5}{6} \quad \frac{4}{6}$$

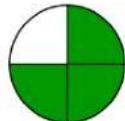
\_\_\_\_\_

$$\frac{2}{3} \quad \frac{2}{5}$$

\_\_\_\_\_

[1, 1, 1]

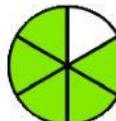
3. Compare the following fractions using the symbols  $>$ ,  $<$ , or  $=$



$$\frac{3}{4}$$



$$\frac{6}{8}$$



$$\frac{5}{6}$$



$$\frac{1}{3}$$

[1, 1]

## COMPUTATION

4. Convert each of the following improper fractions to a mixed number.

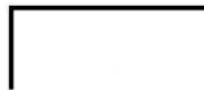
$$\frac{12}{7}$$

\_\_\_\_\_

Answer: \_\_\_\_\_ [2]

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

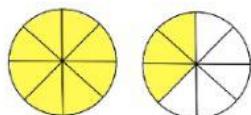
**29**  
10



Answer: \_\_\_\_\_ [2]

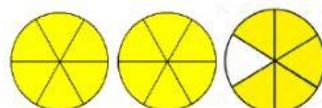
5. Convert the following **mixed numbers** to an **improper fraction**.

**13**  
8



Answer: \_\_\_\_\_ [2]

**25**  
6



Answer: \_\_\_\_\_ [2]

## APPLICATION

6. The lunch vendor made punch using  $\frac{5}{8}$  gallon of apple juice and  $\frac{5}{6}$  gallon of orange juice. Which ingredient was the greatest fraction used to make the punch?

Answer: \_\_\_\_\_ [2]

7. Andy gets 7 out of 25 questions wrong on his math test. What fraction of the questions does he answer correctly?

Answer: \_\_\_\_\_ [2]

TOTAL MARKS \_\_\_\_\_ / 20