

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.

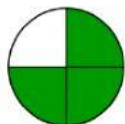
$$\frac{2}{7} \quad \frac{1}{8}$$

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

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

_____ [1, 1, 1]

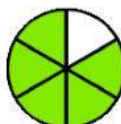
3. Compare the following fractions using the symbols $>$, $<$, or $=$



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



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



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



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

[1, 1]

COMPUTATION

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

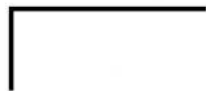
$$\frac{12}{7}$$



Answer: _____ [2]

NAME: _____ DATE: _____

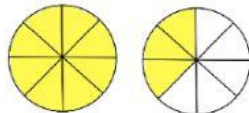
$$\frac{29}{10}$$



Answer: _____ [2]

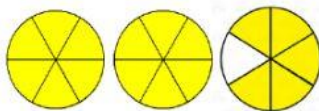
5. Convert the following **mixed numbers** to an **improper fraction**.

$$1\frac{3}{8}$$



Answer: _____ [2]

$$2\frac{5}{6}$$



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