

Name: _____ Date: _____ Hour: _____

Total Score: (20 Points Possible).....

Directions:

- This quiz is worth 20 points and please put your name, hour and date in the upper left corner. Please place your answers on your quiz with the space provided.
- Once you are completed, look over the test again and double check your work. After this, quietly place your test in the manila folder which is on your class.
- Please be quiet since every student deserves a quiet environment for this assessment.
- Show all of your work for each
- Take your time; you have the rest of the class period to complete this test. Don't rush and Good Luck! If you have any questions, raise your hand and I will assist/clear up any misunderstandings.

Write the following fractions in the simplest form.

1. $\frac{8}{32} =$

4. $\frac{15}{30} =$

2. $\frac{20}{64} =$

5. $\frac{9}{21} =$

3. $\frac{36}{48} =$

Write the missing number to complete the equivalent fraction.

6. $\frac{36}{48} = \frac{?}{24}$

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$$7. \frac{4}{8} = \frac{28}{?}$$

$$9. \frac{5}{6} = \frac{25}{?}$$

$$8. \frac{11}{13} = \frac{?}{39}$$

$$10. \frac{7}{20} = \frac{35}{?}$$

Extra Credit:

A. Write the following improper fraction as a mixed number.

$$\frac{17}{3} =$$

B. Write the following mixed fraction as an improper fraction.

$$4\frac{2}{5} =$$

Answer Key

Write the following fractions in the simplest form.

1. $\frac{8}{32} = \frac{1}{4}$

4. $\frac{15}{30} = \frac{1}{2}$

2. $\frac{20}{64} = \frac{5}{16}$

5. $\frac{9}{21} = \frac{3}{7}$

3. $\frac{36}{48} = \frac{3}{4}$

Write the missing number to complete the equivalent fraction.

6. $\frac{36}{48} = \frac{18}{24}$

9. $\frac{5}{6} = \frac{25}{30}$

6. $\frac{4}{8} = \frac{28}{56}$

10. $\frac{7}{20} = \frac{35}{100}$

7. $\frac{11}{13} = \frac{33}{39}$

Extra Credit:

C. Write the following improper fraction as a mixed number.

$$\frac{17}{3} = 5\frac{2}{3}$$

D. Write the following mixed fraction as an improper fraction.

$$4\frac{2}{5} = \frac{22}{5}$$