

SADIE CURTIS PRIMARY SCHOOL
GRADE SIX (6)
MATHEMATICS
CONCEPT OF NUMBERS
MIDTERM EXAM



20 marks

Fractions in Simplest Form

A. Tell whether the fraction is in simplest form. Write *yes* or *no*.

1. $\frac{2}{3}$ _____ 2. $\frac{4}{6}$ _____ 3. $\frac{3}{5}$ _____
4. $\frac{7}{9}$ _____ 5. $\frac{6}{9}$ _____

B. Write in simplest form.

- | | | | |
|----------------------|---------------|---------------|---------------|
| 6. $\frac{3}{15} =$ | $\frac{1}{5}$ | $\frac{2}{3}$ | $\frac{1}{4}$ |
| 7. $\frac{4}{20} =$ | $\frac{1}{5}$ | $\frac{2}{5}$ | $\frac{3}{5}$ |
| 8. $\frac{15}{25} =$ | $\frac{1}{5}$ | $\frac{2}{5}$ | $\frac{3}{5}$ |
| 9. $\frac{12}{36} =$ | $\frac{1}{3}$ | $\frac{2}{3}$ | $\frac{1}{4}$ |
| 10. $\frac{7}{21} =$ | $\frac{2}{5}$ | $\frac{1}{3}$ | $\frac{3}{5}$ |

Rename each fraction as a mixed or whole number.

$$11. \frac{5}{4} = \frac{1}{4} \quad 1 \frac{1}{4} \quad 2 \frac{3}{4}$$

$$12. \frac{9}{5} = 1 \frac{3}{5} \quad 1 \frac{1}{3} \quad 1 \frac{4}{5}$$

$$13. \frac{10}{6} = 2 \frac{3}{3} \quad 1 \frac{2}{3} \quad 1 \frac{2}{5}$$

$$14. \frac{15}{5} = 3 \frac{1}{2} \quad 3 \frac{1}{3} \quad 3$$

$$15. \frac{17}{6} = 3 \frac{3}{5} \quad 1 \frac{1}{3} \quad 2 \frac{5}{6}$$

Rename each as an improper fraction.

$$16. 4 \frac{3}{8} \quad \frac{32}{4} \quad \frac{35}{8} \quad \frac{32}{8}$$

$$17. 3 \frac{1}{2} \quad \frac{7}{3} \quad \frac{7}{2} \quad \frac{6}{2}$$

$$18. 9 \frac{3}{4} \quad \frac{36}{3} \quad \frac{36}{9} \quad \frac{39}{4}$$

$$19. 2 \frac{1}{3} \quad \frac{7}{3} \quad \frac{7}{2} \quad \frac{6}{2}$$

$$20. 2 \frac{1}{9} \quad \frac{19}{2} \quad \frac{19}{9} \quad \frac{19}{1}$$