

## Elementary School: Fractions and Decimals Assessment

1. Which fraction is the reciprocal of 7?
  - a.  $\frac{7}{1}$
  - b.  $\frac{1}{7}$
  - c. 7
  - d. None of the above
  
2. What is the definition of a proper fraction?
  - a. A fraction where the numerator is greater than the denominator
  - b. A fraction where the denominator is not 0
  - c. A fraction that cannot be simplified into a smaller fraction
  - d. A fraction where the numerator is less than the denominator
  
3.  $\frac{4}{9} - \frac{1}{9} =$ 
  - a.  $\frac{3}{9}$
  - b.  $\frac{5}{9}$
  - c.  $\frac{1}{3}$
  - d. None of the above
  
4.  $-4\left(5\frac{2}{3}\right) =$ 
  - a.  $-22\frac{2}{3}$
  - b.  $20\frac{2}{3}$
  - c.  $22\frac{2}{3}$
  - d.  $-20\frac{2}{3}$
  
5.  $\frac{1}{2} \div \frac{3}{4} =$ 
  - a.  $\frac{2}{3}$
  - b.  $\frac{3}{2}$
  - c.  $\frac{12}{64}$
  - d.  $\frac{6}{8}$

6.  $\frac{4}{7} + \frac{1}{3} =$

a.  $\frac{12}{17}$

b.  $\frac{5}{10}$

c.  $\frac{18}{20}$

d.  $\frac{19}{21}$

7.  $4\frac{1}{5} \div 5\frac{2}{3} =$

a.  $20\frac{6}{15}$

b.  $\frac{13}{17}$

c.  $\frac{63}{85}$

d. None of the above

8. The improper fraction for  $2\frac{2}{5}$  is

a.  $\frac{12}{10}$

b.  $\frac{12}{5}$

c.  $\frac{10}{12}$

d.  $\frac{4}{5}$

9. A negative integer multiplied by a negative integer equals

a. A positive integer

b. A negative or positive integer

c. A negative integer

d. None of the above

10. All of the fractions listed below are equivalent fractions to  $\frac{2}{3}$  **EXCEPT**

a.  $\frac{6}{9}$

b.  $\frac{12}{18}$

c.  $\frac{3}{6}$

d.  $\frac{16}{24}$

