

Elementary School: Fractions and Decimals Assessment Answer Key

1. Which fraction is the reciprocal of 7?

a. $\frac{7}{1}$

b. $\frac{1}{7}$

c. 7

d. None of the above

Correct feedback: Yes, the answer is $\frac{1}{7}$

Incorrect feedback: Sorry, the answer is $\frac{1}{7}$. Please review the division with fractions PowerPoint.

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

Correct feedback: Yes, the answer is a fraction where the numerator is less than the denominator.

Incorrect feedback: Sorry, the answer is a fraction where the numerator is less than the denominator. Please review the vocabulary for this module.

3. $\frac{4}{9} - \frac{1}{9} =$

a. $\frac{3}{9}$

b. $\frac{5}{9}$

c. $\frac{1}{3}$

d. None of the above

Correct feedback: Yes, the answer is $\frac{1}{3}$

Incorrect feedback: Sorry, the answer is $\frac{1}{3}$. Please review the subtraction with fractions PowerPoint.

4. $-4\left(5\frac{2}{3}\right) =$

a. $-22\frac{2}{3}$

b. $20\frac{2}{3}$

c. $22\frac{2}{3}$

d. $-20\frac{2}{3}$

Correct feedback: Yes, the answer is $-22\frac{2}{3}$

Incorrect feedback: Sorry, the answer is $-22\frac{2}{3}$. Please review the multiplication with fractions PowerPoint.

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

a. $\frac{2}{3}$

b. $\frac{3}{2}$

c. $\frac{12}{64}$

d. $\frac{6}{8}$

Correct feedback: Yes, the answer is $\frac{2}{3}$

Incorrect feedback: Sorry, the answer is $\frac{2}{3}$. Please review the division with fractions PowerPoint.

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

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

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

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

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

Correct feedback: Yes! The answer is $\frac{19}{21}$

Incorrect feedback: Sorry! The answer is $\frac{19}{21}$. Please review the addition with fractions PowerPoint.

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

Correct feedback: Yes, the answer is $\frac{63}{85}$

Incorrect feedback: Sorry, the answer is $\frac{63}{85}$. Please review the division with fractions PowerPoint.

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

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

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

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

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

Correct feedback: Yes, the answer is $\frac{12}{5}$

Incorrect feedback: Sorry, the answer is $\frac{12}{5}$. Please see the addition or subtraction with fractions PowerPoints.

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

Correct feedback: Yes, the answer is a positive integer

Incorrect feedback: Sorry, the answer is a positive integer. Please review the multiplication or division with fractions PowerPoint.

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. $\frac{16}{24}$

Correct feedback: Yes, the answer is $\frac{3}{6}$.

Incorrect feedback: Sorry, the answer is $\frac{3}{6}$. Please review the vocabulary for this module.