Elementary School: Fractions and Decimals Assessment Answer Key

- 1. Which fraction is the reciprocal of 7?
 - a. $\frac{7}{1}$
 - b. 1/7

 - c. 7
 - d. None of the above

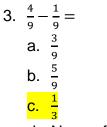
Correct feedback: Yes, the answer is $\frac{1}{7}$

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.



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.

Fractions and Decimals Content Module, November 2013

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.

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- 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.