

Middle School: Fractions and Decimals Answer Key

1. What is the multiplicative inverse 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. 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.

4. $3.72 \div 0.3 =$

- a. 12.4
- b. 1.24
- c. 124
- d. .124

Correct feedback: Yes, the answer is 12.4

Incorrect feedback: Sorry, the answer is 12.4. Please review the multiplying and dividing decimals PowerPoint.

5. $\frac{r-12}{7} = 6$

- a. $r=60$
- b. $r=55$
- c. $r=65$
- d. $r=56$

Correct feedback: Yes, $r = 56$.

Incorrect feedback: Sorry, $r = 56$. Please review the solving two step equations with fractions and decimals PowerPoint.