Name: Key Period: _____

Multiply and Divide Quiz (Edulastic)

1.

Consider the multiplication/division sentences (in the first column). Evaluate the expressions and mark whether the result is positive or negative.

Sentences	Positive Result	Negative Result
(-7) × (-3)	●	○
16 × (-11)	○	●
(-27) ÷ (-9)	●	○
(-42) ÷ 21	○	●

2.

7 × -8 = ? [-56]

3.

Divide:

$\frac{-15}{-5} =$ [3]

4.

$-18 \div -3 = ?$ [6]

5.

$-24 \div 4 = ?$ [-6]

6.

Type the integer that makes the following multiplication sentence true:

$-2 \times 7 = -14$

7.

Type the integer that makes the following division sentence true.

$6 \div (-2) = -3$

8.

The product of the expression $-3 \times 3 \times (-3) \times (-3)$ is

A 27

B -81

C 81

D -243

9.

Solve the expression $(-3)(-2)(3)(4)$ and choose the appropriate result.

A 36

B -72

C 72

D -36

10.

$-\frac{3}{4} \times \frac{2}{5} = ?$ $-\frac{3}{10}$

11.

The product of -0.2×7 is

(A) 14

(B) -1.4

(C) -14

(D) 1.4

12.

$\frac{4}{9} \times -\frac{3}{8} = ?$ $-\frac{1}{6}$

13.

Ronald bikes 6.9 miles each day. How far has Ronald biked in seven days?

Answer: 48.3 miles

14.

The table shows prices for shoe rental, games, and snacks at the bowling alley.

BOWLING ALLEY PRICES

Item	Price
Shoe Rental	$2.75
One game of bowling	$2.50
Small soda	$0.95
Large soda	$1.50
Nachos	$1.75

Gina rented shoes, bowled **3** games, and bought **1** order of nachos. She used a coupon for $\frac{1}{2}$ off the price of her bowling games. **What was Gina's total cost before tax was added?**

- (A) **$5.75**
- (B) **$6.00**
- (C) **$8.25**
- (D) **$12.00**

15.

Match the fractions in the first column with their corresponding decimal form.

$\frac{97}{50}$	⟷	1.94
$\frac{87}{30}$	⟷	2.9
$\frac{96}{60}$	⟷	1.6

ANSWER CHOICES

- 1.94
- 1.6
- 2.9

16.

How many $\frac{5}{16}$ foot pieces of wood can you cut from a board that is $1\frac{9}{16}$ feet long?

A $\frac{1}{5}$ pieces of wood

B $\frac{125}{256}$ pieces of wood

C **5** pieces of wood

D **3** pieces of wood

17.

Determine the value of the expression given below.

$\frac{121}{2} \div \left(-1\frac{3}{8}\right)$

Answer: -44

18.

Thomas buys $\frac{2}{3}$ lbs. of sauerkraut fudge. If a total of 6 people share the fudge evenly, how much does each person receive?

$\frac{1}{9}$ lbs.

19.

Using long division, express each rational number as a decimal.

$\frac{34}{5} =$ 6.8

$\frac{77}{4} =$ 19.25

20.

Input the integer that makes the following division sentence true:

28 $\div(-7) = (-4)$

21.

Simplify

$2(-6+2) \div 4 =$ -2

22.

$$\frac{\left(1\frac{4}{7}\right)}{-\left(\frac{15}{21}\right)}$$

- (A) -1 2/5
- (B) 1 3/5
- (C) -2
- (D) -2 1/5

23.

Tori has $4\frac{3}{8}$ ft. of yarn. Her project only requires $\frac{1}{6}$ of that. How much yarn is needed for her project?

$\frac{35}{48}$ ft.