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	t Negative Result	
(-7) × (-3)	0	0	
16 × (-11)	0	0	
(-27) ÷ (-9)	0	0	
(-42) ÷ 21	0	0	

2.

$$7 \times -8 = ? \qquad -50$$

3.

Divide:

$$\frac{-15}{-5} = \boxed{3}$$

4.

$$-18 \div -3 = ? \qquad \bigcirc$$

5.

$$-24 \div 4 = ? \qquad - \bigcirc$$

Type the integer that makes the following multiplication sentence true:

$$\times 7 = -14$$

7.

Type the integer that makes the following division sentence true.

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

8.

The product of the expression -3 imes 3 imes (-3) imes (-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
- **(6)** 72
- \bigcirc -36

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

11.

The product of -0.2 imes 7 is

- (A) 14
- **B** −1.4
- **(C)** -14
- (D) 1.4

12.

$$\frac{4}{9} \times -\frac{3}{8} = ? \qquad \qquad -\frac{1}{(o)}$$

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

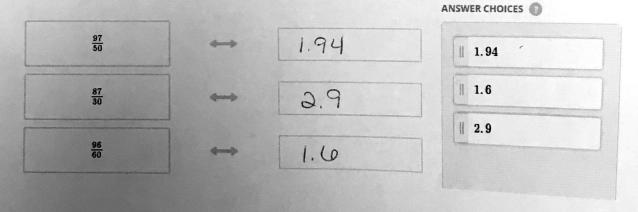
Item	Price
Shoe Rental	\$2.75
One game of bowling	\$2.50
Small soda	\$0.95
Large soda	\$1.50
Nachos	\$1.75

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
- \$8.25
- D \$12.00

15.

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



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

- \mathbf{A} $\frac{1}{5}$ pieces of wood
- $oxed{B}$ $rac{125}{256}$ pieces of wood
- **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?

| Ibs. | I

19.

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

$$\frac{34}{5} = \boxed{ (4.8)}$$

$$\frac{\pi}{4} = \begin{bmatrix} 19.25 \end{bmatrix}$$

Input the integer that makes the following division sentence true:

$$\div \left(-7\right) =\left(-4\right)$$

21.

Simplify

$$2(-6+2)\div 4 = \boxed{\qquad -2}$$

22.

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

- (A) -1 2/5
- **B**) 1 3/5
- (C) -2
- -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?