

TEST NAME: **7.EE.3 Practice**
TEST ID: **319108**
GRADE: **07**
SUBJECT: **Mathematics**
TEST CATEGORY: **School Assessment**

Student: _____

Class: _____

Date: _____

1. Three people went to lunch at a buffet restaurant that charges \$9.99 per person for food.
 - Each drink is an additional \$1.99.
 - Sales tax is 8.5%.
 - Each person orders a drink, food, and leaves a \$1.50 tip.

How much was their total lunch bill?

- A. \$14.50 B. \$35.94
C. \$39.99 D. \$43.49

2. A roll of fabric is 12 yards long. A salesperson cuts three pieces off the roll measuring $2\frac{3}{4}$ yd, $5\frac{1}{3}$ yd, and $1\frac{1}{5}$ yd. **Approximately** what percentage of the roll of fabric remains?

- A. 3% B. 9%
C. 23% D. 77%

3. David has \$100 to spend on clothes for school.
 - He has a coupon for \$10 off when he spends at least \$50.
 - He buys a pair of pants for \$27.99, two t-shirts for \$12.99 each, and a pair of shoes for \$34.99.
 - The sales tax is 8% of the total after the coupon is applied.

How much money will David have left after his purchases?

- A. \$3.92 B. \$11.04
C. \$14.72 D. \$28.75

4. Dolphin 1 dove 200 feet under water. Dolphin 2 dove 30% farther. After Dolphin 2 dove down, it ascended $25\frac{1}{2}$ feet and then descended $40\frac{1}{2}$ feet. How far under the water is Dolphin 2?

- A. 295 feet
- B. 275 feet
- C. 245 feet
- D. 215 feet

5. A family made three trips to the grocery store in one month.

- On the first trip, they spent \$100 on groceries.
- On the second trip, they spent 20% less than they did on the first trip.
- On the third trip, they spent $\frac{3}{4}$ as much as they did on the second trip.

What was the total amount of money the family spent on groceries for the month?

- A. \$195.00
- B. \$240.00
- C. \$255.00
- D. \$310.00

6. Mr. Richards has two cars that he changes the oil in every four months.

- During an oil change, each car needs $4\frac{1}{2}$ quarts of oil.
- Each 5-quart container of oil costs \$14.99.

Before tax, how much will the oil cost Mr. Richards for both cars in a year?

- A. \$44.97
- B. \$80.94
- C. \$89.94
- D. \$107.93

7. The chart below shows the highest quiz score Cynthia received in four of her classes.

Class	Highest Quiz Score
English	13 out of 14 correct
Science	93%
Math	$\frac{25}{27}$
History	$0.9\bar{3}$

In which class did she have the highest score?

- A. English
B. Science
C. Math
D. History
8. Quinn had \$4.00. He spent $\frac{1}{2}$ of his money on a baseball card, $\frac{1}{4}$ of it on a drink, and $\frac{1}{8}$ of it on bubble gum. How much money does Quinn have left?
- A. \$0.25
B. \$0.50
C. \$1.00
D. \$1.25
9. Nicole earned \$75. She put $\frac{1}{3}$ of her money into her savings account. She bought a shirt for \$17.11 and a sweater for \$26.74. How much money does Nicole have left?
- A. \$6.15
B. \$9.65
C. \$18.85
D. \$31.15

15. Alley bought 1 pound of potatoes costing \$4 from a local grocery store last week. Her final bill included an additional sales tax of 8%. The next week Alley found that the price for a pound of potatoes had gone up to \$6. What is the percentage increase in the cost of a pound of potatoes, including the sales tax?

A. 2.16%

B. 6.48%

C. 33%

D. 50%

16. A photographer rented a booth at an art fair for \$630. The photographer sold each photograph for \$45 and made a total of \$1,980 after paying for the booth. How many photographs did the photographer sell at the fair?

A. 14

B. 30

C. 44

D. 58

17. Alice is making a necklace. She has a chain that is 400 mm long. She puts forty 1.7 mm beads, twenty-seven 6.5 mm beads, and eight 3.4 mm beads on the chain. About how much of the 400 mm chain is left without beads?

A. 388 mm

B. 270 mm

C. 230 mm

D. 129 mm

18. Solve for x:

$$\frac{8(-6) - 4(-3)}{x} = 12$$

A. -5

B. -3

C. 3

D. 5

19. There were 20 drinks in a cooler.

- Joey drank 15% of the drinks.
- Sandra drank $\frac{1}{5}$ of the drinks.
- Hannah drank $\frac{1}{4}$ of the drinks.
- Tammy drank 30% of the drinks.

How many drinks are left in the cooler?

- A. 0 B. 2
C. 5 D. 9

20. On Monday, a jacket cost \$36.95 and a shirt cost \$21.42. On Friday the jacket was discounted by 20%, and the shirt was discounted by $\frac{1}{3}$. What is the total price of the jacket and shirt on Friday, before sales tax?

- A. \$14.28 B. \$29.56
C. \$43.84 D. \$43.91

21. Elijah is making a batch of cookies.

- He needs $1\frac{1}{2}$ cups of butter.
- A pound of butter cost \$3.50.
- A pound of butter contains 2 cups.

What is the cost of butter for the batch of cookies?

- A. \$1.75 B. \$2.33
C. \$2.63

22. Joey earns \$7.65 an hour at his part-time job. He received a 20% raise. How much will Joey now earn for working 40 hours?

- A. \$244.80 B. \$306.00
C. \$367.20 D. \$612.00

23. A pair of jeans originally cost \$29.99. The jeans are marked down 15% off. Julie has a coupon for an additional $\frac{1}{5}$ -off the price of the jeans. Sales tax is 8%. How much will Julie pay for the jeans including sales tax?

- A. \$20.39
- B. \$21.05
- C. \$22.02
- D. \$25.91

24. Jason purchased 10 shirts for the members of a school club. Each shirt cost \$4.99. Jason had a coupon for 20% off his total purchase. Sales tax was 7% after the discount. What was the total cost for the shirts?

- A. \$42.71
- B. \$39.99
- C. \$36.90
- D. \$36.43

25. Mr. Brown has \$125.25 in his bank account. He spends \$96.50 on groceries, then spends 60% of the remaining amount on dinner. How much money is left in Mr. Brown's bank account?

- A. -\$46.40
- B. -\$31.25
- C. \$11.50
- D. \$17.25