

Level C

Math

GOALS 2

Sample Items

2023







Turn the page.

DIRECTIONS

- 1. Mark your answers on the answer sheet. Use a number 2 pencil only.
- 2. Please do **not** write in the test booklet.
- 3. Try to answer every question. Choose the **one** best answer. If you want to change an answer, be sure to erase the first mark completely.
- 4. You may use a calculator and scratch paper.

Practice 1



What part of town has the *most* houses for sale?

- A. West Side
- B. East Side
- C. South Side
- D. North Side

Practice 2

Tia bought 3 pizzas. She tipped the delivery driver \$8. Tia paid \$59 in total.

p = the price of one pizza

Which equation represents the total cost to buy the pizzas?

A.
$$3p - 8 = 59$$

B.
$$3p + 8 = 59$$

C.
$$8p - 3 = 59$$

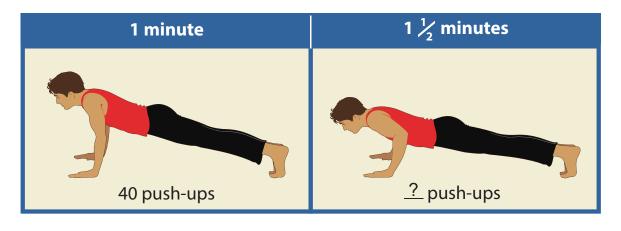
D.
$$8p + 3 = 59$$





Turn the page to begin the test.

Marco likes to exercise. He does push-ups every day. He can do 40 push-ups in a minute.

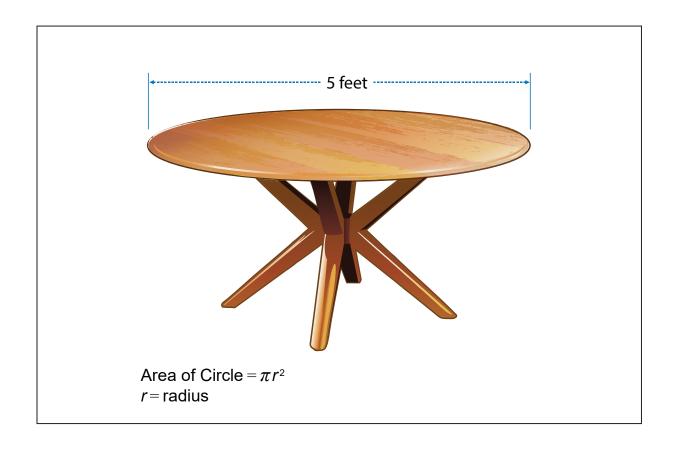


- 1. If Marco keeps the same rate, how many push-ups could he do in 1½ minutes?
 - A. 60
 - B. 70
 - C. 80
 - D. 90

At Coney's Ice Cream shop, 3 times as many customers bought ice cream today compared to yesterday.

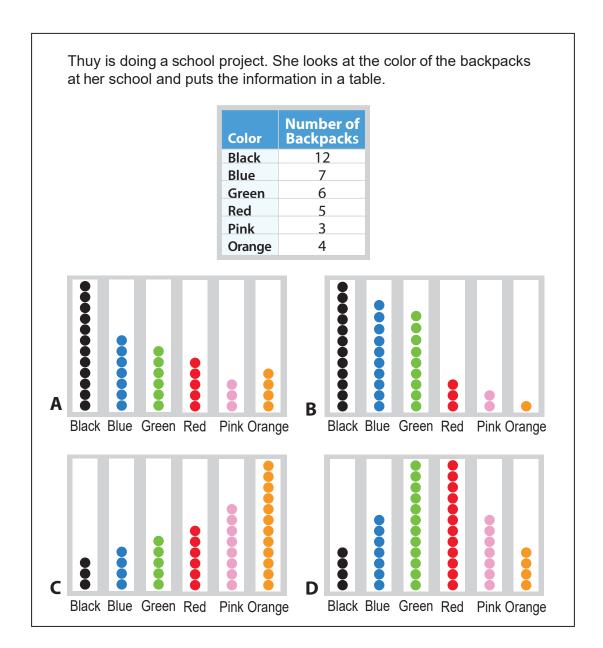
y = number of customers yesterday

- 2. Which expression represents how many customers bought ice cream today?
 - A. 3*y*
 - B. $\frac{y}{3}$
 - C. 3 + y
 - D. y 3



3. What is the approximate area of the table surface?

- A. 16 square feet
- B. 20 square feet
- C. 25 square feet
- D. 79 square feet



- 4. Which dot plot shows the number of backpacks Thuy recorded?
 - A. A
 - B. B
 - C. C
 - D. D



5. What percent is the sale price discount?

- A. 40% off
- B. 60% off
- C. 66% off
- D. 75% off

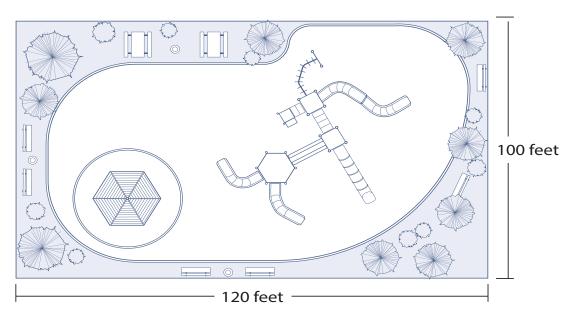
Jeremy needs a taxi. His trip is 13 miles.

Taxi Company	Initial Fee	Per-mile Cost
Company A	\$5	\$3.50
Company B	\$8	\$2.50
Company C	\$3	\$5.50
Company D	\$10	\$4.50

- 6. What taxi company is the *most* expensive for Jeremy's trip?
 - A. Company A
 - B. Company B
 - C. Company C
 - D. Company D

A new playground is being built. The playground will be a rectangle with dimensions of 100 feet by 120 feet. The playground designer is creating a scale drawing.

The scale of the drawing of the playground will be $\frac{1}{4}$ inch (in.) for every foot.



Scale: $\frac{1}{4}$ inch = 1 foot

- 7. What will the dimensions of the playground scale drawing be?
 - A. 10 in. × 12 in.
 - B. 25 in. × 30 in.
 - C. 100 in. × 120 in.
 - D. 400 in. × 480 in.

Amy sells bread at her bakery.

Bread	Price
Wheat	\$3.99
Sourdough	\$4.99
White	\$4.19
Rye	\$4.19

8. What is the mean price of bread at the bakery?

- A. \$4.19
- B. \$4.25
- C. \$4.34
- D. \$4.49

CASAS Math GOALS 2 Sample Test Items for Instructional Use

CASAS Math GOALS 2 – Sample Test Items

Answer Keys

Level C

- Practice 1. A
- Practice 2. B
 - 1. A
 - 2. A
 - 3. B
 - 4. A
 - 5. B
 - 6. C
 - 7. B
 - 8. C