

Name _____

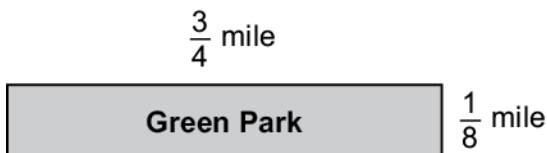
- 1** Chen ran 3.85 kilometers on Monday, 6.38 kilometers on Tuesday, and 2.91 meters on Wednesday. How far did Chen run during the 3 days?

(A) 9.29 kilometers
(B) 10.23 kilometers
(C) 13.14 kilometers
(D) 14.14 kilometers

- 2** Of the plants in Raina's garden, $\frac{1}{4}$ are tomatoes and $\frac{5}{8}$ are peppers. How many more of the plants are peppers than tomatoes?

(A) $\frac{7}{8}$ (C) $\frac{1}{2}$
(B) $\frac{3}{4}$ (D) $\frac{3}{8}$

- 3** The diagram shows a plan for a new park.

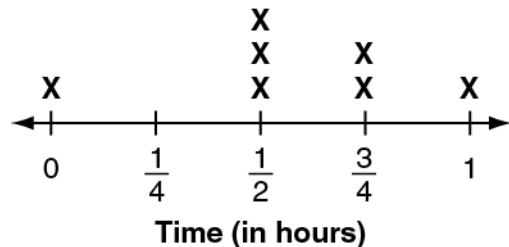


What is the area of the park, in square miles?

(A) $\frac{3}{32}$ (C) $\frac{3}{8}$
(B) $\frac{3}{12}$ (D) $\frac{3}{4}$

- 4** The line plot shows how long Theo spent practicing the drums each day this week.

Time Spent Practicing Drums



Did Theo practice the drums for at least 5 hours this week?

- (A) No, he practiced for 3 hours.
(B) No, he practiced for 4 hours.
(C) Yes, he practiced for 6 hours.
(D) Yes, he practiced for 7 hours.

- 5** Peggy bakes 132 muffins for a bake sale. She plans to put them in packages that hold 12 muffins each. How many packages does Peggy need to hold all of the muffins?

(A) 8 (C) 10
(B) 9 (D) 11

Name _____

- 6 Mark ran $2\frac{1}{2}$ miles on Monday and $1\frac{1}{3}$ miles on Tuesday. How many miles did he run on the two days?

(A) $3\frac{1}{6}$ (C) $3\frac{2}{3}$
(B) $3\frac{2}{5}$ (D) $3\frac{5}{6}$

- 7 The table shows the distance that four players kicked a soccer ball during practice.

Distance Kicked

Player	Distance
Devin	25 feet
Jonah	324 inches
Olivia	29 feet
Riley	8 yards

Who kicked the ball the farthest?

(A) Devin (C) Olivia
(B) Jonah (D) Riley

- 8 Which expression has a product that is greater than $\frac{2}{7}$?

(A) $\frac{2}{7} \times \frac{1}{7}$ (C) $\frac{2}{7} \times \frac{7}{2}$
(B) $\frac{2}{7} \times \frac{2}{7}$ (D) $\frac{2}{7} \times \frac{7}{7}$

- 9 There are 24 students in a classroom. Of the students in the classroom, $\frac{5}{12}$ of them play basketball. Of the students who play basketball, $\frac{1}{2}$ of them also play soccer. How many students in the classroom play basketball and also play soccer?

(A) 14 (C) 10
(B) 12 (D) 5

Name _____

- 10** Which equation can be used to find the difference of $\frac{2}{3} - \frac{1}{4}$?

(A) $\frac{2}{3} - \frac{2}{8} = \frac{2}{5}$ (C) $\frac{6}{7} - \frac{4}{7} = \frac{2}{7}$
(B) $\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$ (D) $\frac{8}{12} - \frac{3}{12} = \frac{5}{12}$

- 11** Bart practiced 40 minutes each day for a concert. Which equation models the number of minutes, m , he practiced for the concert after 4 days?

(A) $40 \div 4 = m$ (C) $40 - 4 = m$
(B) $40 \times 4 = m$ (D) $40 + 4 = m$

- 12** In which number does the 3 have a value that is $\frac{1}{10}$ of the value of the 3 in 23,582?

(A) 26,319 (C) 61,837
(B) 30,475 (D) 73,096

- 13** What is 386.274 rounded to the nearest tenth?

(A) 386.2 (C) 386.27
(B) 386.3 (D) 386.28

Name _____

- 14** Juanita has 1,012 marbles. She puts the same number of marbles in each section of the box shown.

How many marbles does Juanita put in each section?

- Ⓐ 22
- Ⓑ 23
- Ⓒ 25
- Ⓓ 26

- 15** A scientist has 10,730 milliliters of a chemical. She puts an equal amount of the chemical in each of 58 beakers. How many milliliters of the chemical does the scientist put in each beaker?

- Ⓐ 150 milliliters
- Ⓑ 185 milliliters
- Ⓒ 240 milliliters
- Ⓓ 285 milliliters

- 16** Mesha sold 118 paintings. She earned \$68 for each painting she sold. How much money did Mesha earn from her paintings?

- Ⓐ \$7,564
- Ⓑ \$7,914
- Ⓒ \$8,024
- Ⓓ \$8,224

- 17** One way to write the number 34.109 is 3 tens + 4 ones + 1 tenth + 9 thousandths. Which expression shows another way to write 34.109?

- Ⓐ 34 ones + 109 thousandths
- Ⓑ 34 ones + 109 hundredths
- Ⓒ 34 tens + 109 thousandths
- Ⓓ 34 tens + 109 hundredths

Name _____

- 18** Dario made $4\frac{1}{2}$ dozen bagels. He sold $\frac{5}{8}$ of the bagels on Friday. How many dozen bagels did Dario sell on Friday?

(A) $1\frac{9}{32}$
(B) $2\frac{13}{16}$
(C) $4\frac{5}{16}$
(D) $5\frac{5}{8}$

- 19** What is 73.6 divided by 0.01?

(A) 73,600
(B) 7,360
(C) 7.36
(D) 0.736

- 20** Krista paid \$9.15 for 5 pounds of pears and \$5.28 for 3 pounds of grapes. Which fruit had a lower unit price: the pears or the grapes?

(A) Pears are a better buy because they cost \$0.41 less per pound.
(B) Pears are a better buy because they cost \$0.73 less per pound.
(C) Grapes are a better buy because they cost \$0.07 less per pound.
(D) Grapes are a better buy because they cost \$0.13 less per pound.

- 21** Mr. Patel has a team of 12 people to plant seeds in a garden. He has 8 pounds of seed. If he assigns each team member to plant a $\frac{1}{2}$ -pound packet of seed, does Mr. Patel have enough seed?



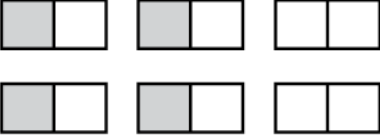
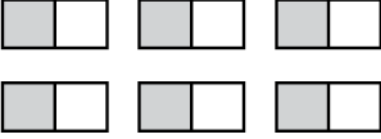
(A) No, he needs 4 more packets of seed.
(B) No, he needs 8 more packets of seed.
(C) Yes, he has 4 more packets of seed than he needs.
(D) Yes, he has 8 more packets of seed than he needs.

Name _____

22 How does the value of the 2 in 43.28 change if it moves 2 places to the left?

- Ⓐ It has 100 times the value.
- Ⓑ It has 10 times the value.
- Ⓒ It has $\frac{1}{10}$ the value.
- Ⓓ It has $\frac{1}{100}$ the value.

23 Which of these is a visual model for the product of $\frac{1}{2} \times 6$?

- Ⓐ 
- Ⓑ 
- Ⓒ 
- Ⓓ 

24 Fatima buys 3 notebooks for \$5.75 each. She pays with a \$20 bill. How much change does Fatima receive?

- Ⓐ \$17.25
- Ⓑ \$8.50
- Ⓒ \$2.75
- Ⓓ \$0.75

25 What is the standard form of $(5 \times 1) + \left(9 \times \frac{1}{100}\right) + \left(8 \times \frac{1}{1,000}\right)$?

- Ⓐ 59.08
- Ⓑ 50.908
- Ⓒ 5.98
- Ⓓ 5.098