

ELA: SUMMER READING / WRITING ASSIGNMENT - Incoming Sixth Grade

Dear future Sixth Graders,

Please read **ONE** of the following books:

Al Capone Does My Shirts: A Tale from Alcatraz by Gennifer Choldenko

Hatchet by Gary Paulsen

Crash by Jerry Spinelli

Ella Enchanted by Gail Carson Levine

I would like you to write a brief summary of the book. In addition, I would also like you to share your favorite part of the book. Finally, please let me know if you would recommend this book to someone else and why or why not. (PLEASE DO NOT COPY FROM THE INTERNET. I will check and if you plagiarize, you will receive a zero.)

Your assignment should be typed (one page minimum / double spaced / font 12) or made into a powerpoint or google slides presentation. (10-12 slides not including the title slide) If you choose the written assignment, please have proper paragraphs. Also, regardless of which you choose, you will be graded on WRITING QUALITY, SPELLING, PUNCTUATION, AND PROPER STRUCTURE.

If you have any questions, please feel free to email me at dina.papastefanou@gai-edu.org

This will be due the TUESDAY after our first week of school.

HAVE A WONDERFUL SUMMER! I look forward to teaching you in September.

Sincerely,
Mrs. Papastefanou

Numeration, Patterns, and Relationships

Read each question. Then mark your answer on the sheet.

1. In standard form, what is $500 + 20 + 4 + 3\left(\frac{1}{10}\right) + 1\left(\frac{1}{100}\right)$?

A 52.431
B 524.031
C 524.13
D 524.31

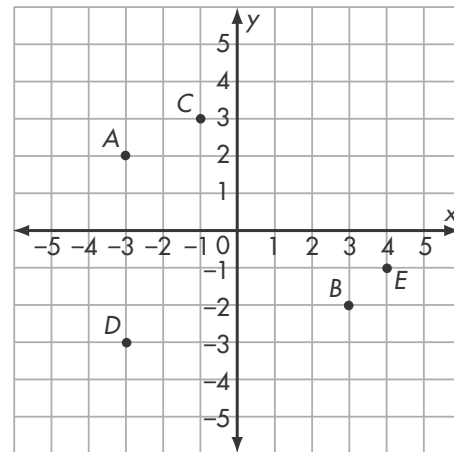
2. The population of the United States exceeds 314,759,600. What is the value of the 4 in this number?

A Four thousand
B Forty thousand
C Four hundred thousand
D Four million

3. Which list shows these numbers ordered from greatest to least?

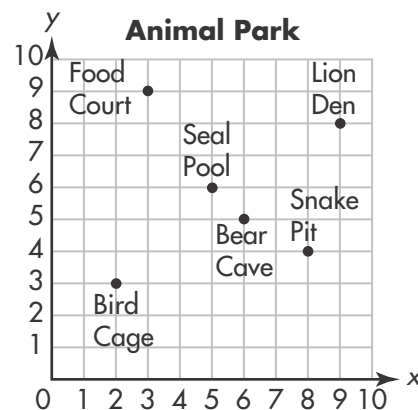
A 7,890,900; 7,809,900;
5,475,700; 4,979,450
B 7,809,900; 7,890,900;
5,475,700; 4,979,450
C 4,979,450; 5,475,700;
7,890,900; 7,809,900
D 4,979,450; 5,475,700;
7,809,900; 7,890,900

4. Which ordered pair names point A?



A $(-1, 3)$
B $(-3, 2)$
C $(3, -2)$
D $(2, -3)$

5. Which ordered pair shows the location of the food court?



A $(9, 3)$
B $(8, 9)$
C $(3, 9)$
D $(3, 8)$

Numeration, Patterns, and Relationships

(continued)

Read each question. Then mark your answer on the sheet.

- 6.**
- What is the rule for the table?

n	0	1	2	3	4
	3	4	5	6	7

- A** $n - 3$ **C** $2n + 3$
B $n + 3$ **D** $3n$

- 7.**
- Which equation describes the function table?

m	n
-1	-5
1	-1
3	3
5	7

- A** $n = 3m - 4$ **C** $n = m + 4$
B $n = 2m - 3$ **D** $m = n - 4$

- 8.**
- Which expressions are equivalent to
- $(7 \times 4) + (7 \times 5)$
- ? Choose all that apply.

- A** $28 + 35$
B $4(7 + 5)$
C $(7 \times 5) + (7 \times 4)$
D $7(4 + 5)$

- 9.**
- Evaluate
- $(18 \div 3) \div (9 - 7)$
- .

- A** 1 **C** 8
B 3 **D** 12

- 10.**
- One gallon of milk contains 128 ounces. Which expression shows the number of ounces in
- g
- gallons?

- A** $128 + g$
B $128 \div g$
C $128g$
D $g - 128$

- 11.**
- Which expression is equivalent to
- $2(9 + 7)$
- ? Choose all that apply.

- A** $18 + 14$
B 32
C $18 + 7$
D 2×16

- 12.**
- Which expression is three times as large as
- $(512 + 321)$
- ? Choose all that apply.

- A** 833
B $3(512 + 321)$
C $(512 + 321) \times 3$
D $(3 \times 512) + (3 \times 321)$

Name _____

Operations with Whole Numbers

Read each question. Then mark your answer on the sheet.

- 13.** The library checked out 3,559 books in July and 3,328 books in August. How many books did the library check out during those two months?

A 6,888 books
B 6,887 books
C 6,877 books
D 231 books

- 14.** Thursday night 36,219 people bought tickets to the baseball game. Friday night 63,516 people bought tickets. How many more tickets were sold on Friday night?

A 99,735 tickets
B 37,307 tickets
C 37,207 tickets
D 27,297 tickets

- 15.** Use mental math to find the quotient.

$$2,700 \div 30 =$$

A 9
B 90
C 900
D 9,000

- 16.** Each class in the school collected \$1,750 in donations for the new computer lab. There are 23 classes in the school. How much money did the school collect in donations?

A \$8,750
B \$30,250
C \$40,250
D \$41,250

- 17.** Which expressions are equivalent to $1,200 \div 50$? Choose all that apply.

A $120 \div 5$
B 24
C 60,000
D $12,000 \div 500$

- 18.** Mandy has 2,280 stamps. She wants to share them equally among 10 friends. How many stamps can Mandy give each friend?

A 22 stamps
B 208 stamps
C 228 stamps
D 280 stamps

Fractions, Decimals, and Percents

Read each question. Then mark your answer on the sheet.

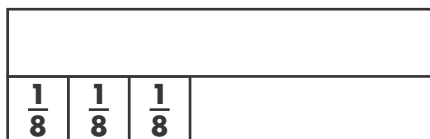
19. Claire made $\frac{24}{5}$ gallons of juice for a party. What is $\frac{24}{5}$ expressed as a mixed number?

A $4\frac{1}{5}$
B $4\frac{3}{5}$
C $4\frac{4}{5}$
D $5\frac{1}{5}$

20. Eighteen out of 40 people prefer blueberry yogurt over vanilla. Which is $\frac{18}{40}$ in simplest form?

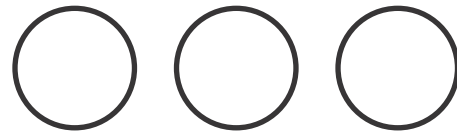
A $\frac{9}{15}$
B $\frac{9}{20}$
C $\frac{6}{13}$
D $\frac{9}{10}$

21. Which number does this model show? Choose all that apply.



A $\frac{22}{16}$
B $\frac{11}{8}$
C $1\frac{1}{8}$
D $1\frac{3}{8}$

22. If four friends share three pizzas equally, how much pizza will each person get? Use the circles to help you solve the problem.

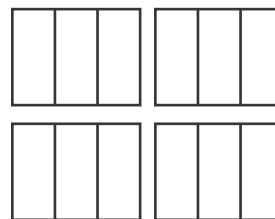


A $\frac{3}{8}$ of a pizza
B $\frac{1}{2}$ of a pizza
C $\frac{3}{4}$ of a pizza
D $1\frac{1}{4}$ of a pizza

23. Without multiplying, decide which statements are true. Choose all that apply.

A $2\frac{1}{2} \times 1\frac{2}{3} > 1\frac{2}{3}$
B $1\frac{2}{5} \times \frac{3}{3} = 1\frac{2}{5}$
C $\frac{4}{5} \times 2\frac{2}{3} > 2\frac{2}{3}$
D $\frac{1}{2} \times 1\frac{3}{4} < 1\frac{3}{4}$

24. How many $\frac{1}{3}$ -cup servings are in 4 cups of raisins?



A 3
B 4
C 6
D 12

Fractions, Decimals, and Percents

(continued)

Read each question. Then mark your answer on the sheet.

- 25.** Which is NOT correct?
Choose all that apply.

A $0.36 < 0.35$
B $0.6 = 0.60$
C $0.46 > 0.45$
D $3.29 < 3.219$

- 26.** Which is three and thirty-one thousandths in decimal form?

A 331,000
B 3.310
C 3.301
D 3.031

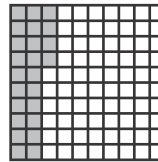
- 27.** Which statements are true?
Choose all that apply.

A $0.364 < 0.354$
B $0.060 = 0.006$
C $0.022 < 0.202$
D $5.491 > 5.490$

- 28.** Which is 23.862 rounded to the nearest tenth?

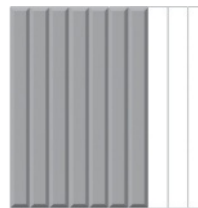
A 20
B 23.8
C 23.86
D 23.9

- 29.** Which fraction is equivalent to the shaded portion of the model?



A $\frac{1}{5}$ **C** $\frac{1}{4}$
B $\frac{24}{100}$ **D** $\frac{24}{50}$

- 30.** Which fraction is shown by the shaded part of the model?



A $\frac{6}{10}$ **C** $\frac{7}{10}$
B $\frac{2}{3}$ **D** $\frac{3}{4}$

Fractions, Decimals, and Percents

(continued)

Read each question. Then mark your answer on the sheet.

- 31.** Which is equivalent to $\frac{2}{3} + \frac{1}{4} = ?$
Choose all that apply.

A $\frac{3}{7}$
B $\frac{2 \times 4}{3 \times 4} + \frac{1 \times 3}{4 \times 3}$
C $\frac{8}{12} + \frac{3}{12}$
D $\frac{11}{12}$

- 32.** Which is equivalent to $\frac{5}{6} - \frac{2}{3} = ?$
Choose all that apply.

A $\frac{3}{3}$ or 1
B $\frac{5 \times 3}{6 \times 3} - \frac{2 \times 6}{3 \times 6}$
C $\frac{15}{18} - \frac{12}{18}$
D $\frac{1}{6}$

- 33.** Juan brought $\frac{3}{8}$ pound of peanuts and Ted brought $\frac{3}{4}$ pound of peanuts to the school picnic. How many pounds of nuts did they bring in all?

A $\frac{3}{8}$ pound
B $1\frac{1}{8}$ pounds
C $1\frac{3}{8}$ pounds
D $1\frac{1}{2}$ pounds

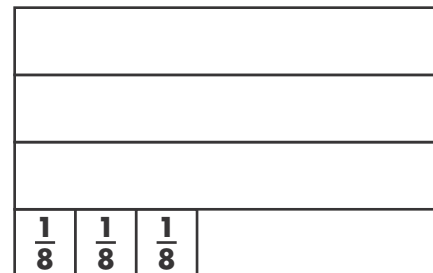
- 34.** Barack ran $1\frac{1}{4}$ miles to the lake. Then he ran $3\frac{2}{3}$ miles around the lake. How many miles did he run?

A $4\frac{2}{7}$ miles
B $4\frac{5}{12}$ miles
C $4\frac{11}{12}$ miles
D $5\frac{1}{12}$ miles

- 35.** Which is the best estimate for $4\frac{3}{5} + 3\frac{1}{3} = ?$

A About 6 **C** About 8
B About 7 **D** About 9

- 36.** Mrs. Myers bought $3\frac{3}{8}$ yards of ribbon. She used $2\frac{7}{8}$ yards of ribbon on her daughter's dress. Use the model to find how much ribbon Mrs. Myers has left.



A $\frac{3}{8}$ yard **C** $1\frac{1}{2}$ yards
B $\frac{1}{2}$ yard **D** $1\frac{3}{8}$ yards

Fractions, Decimals, and Percents

(continued)

Read each question. Then mark your answer on the sheet.

- 37.** Oscar ran $\frac{5}{8}$ mile. Tony ran $\frac{5}{6}$ mile.
How much farther did Tony run?

A $\frac{5}{24}$ mile
B $\frac{1}{3}$ mile
C $\frac{7}{8}$ mile
D $1\frac{11}{24}$ miles

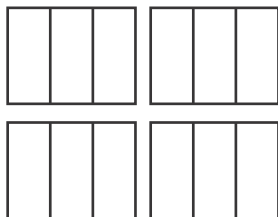
38. $\frac{1}{3} \times \frac{4}{9} =$

A $\frac{2}{3}$
B $\frac{2}{9}$
C $\frac{5}{27}$
D $\frac{4}{27}$

39. $\frac{3}{4} \times 12 =$

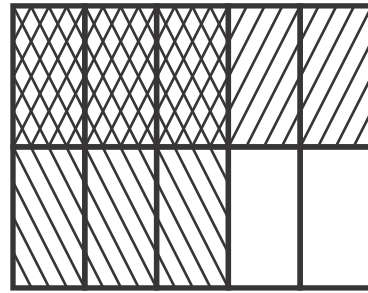
A $\frac{1}{16}$ **C** 8
B $\frac{1}{9}$ **D** 9

- 40.** Use the picture to find $\frac{2}{3} \times 4$.



A $1\frac{2}{3}$ **C** 6
B $2\frac{2}{3}$ **D** 12

- 41.** What product does the diagram show?

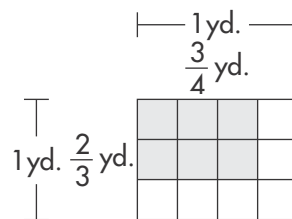


A $\frac{1}{2} \times \frac{3}{5} = \frac{3}{10}$ **C** $\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$
B $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$ **D** $\frac{1}{3} \times \frac{3}{5} = \frac{1}{5}$

- 42.** Which is equivalent to $\frac{2}{3} \times \frac{4}{5} = ?$
Choose all that apply.

A $\frac{8}{8}$ or 1 **C** $\frac{2 \times 4}{3 + 5}$
B $\frac{2 \times 4}{3 \times 5}$ **D** $\frac{8}{15}$

- 43.** Beth made a rectangular sign that is $\frac{3}{4}$ yard by $\frac{2}{3}$ yard. What is the area of the sign? Choose all that apply.



A $\frac{1}{2}$ square yard
B $\frac{6}{12}$ square yard
C 6 square yards
D 12 square yards

Fractions, Decimals, and Percents

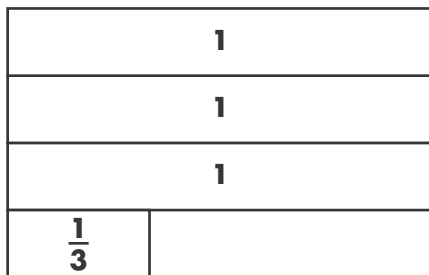
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Read each question. Then mark your answer on the sheet.

- 44.** Kayla's rectangular garden is $2\frac{1}{2}$ yards by $5\frac{1}{2}$ yards. What is the area of her garden? Choose all that apply.

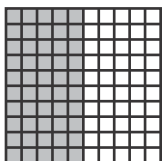
- A** 8 square yards
B $\left(2\frac{1}{2} \times 5\frac{1}{2}\right)$ square yards
C $12\frac{3}{4}$ square yards
D $13\frac{3}{4}$ square yards

- 45.** Jesse ran $\frac{3}{4}$ of a $3\frac{1}{3}$ -mile trail. Use the model to find how far he ran.



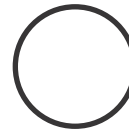
- A** 2 miles **C** 3 miles
B $2\frac{1}{2}$ miles **D** $3\frac{1}{3}$ miles

- 46.** Use the picture to find the quotient: $\frac{1}{2} \div 10$.



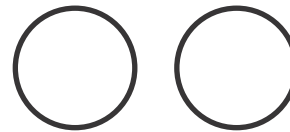
- A** $\frac{1}{20}$ **C** $\frac{1}{5}$
B $\frac{1}{10}$ **D** 5

- 47.** Mrs. Smith has $\frac{1}{3}$ of a blueberry pie left to share equally among her 4 children. What fraction of the pie will each child get? Use the circle to help you solve the problem.



- A** $\frac{1}{12}$ **C** $\frac{1}{4}$
B $\frac{1}{6}$ **D** $\frac{1}{3}$

- 48.** Joy is making sushi rolls. She needs $\frac{1}{4}$ cup of rice for each sushi roll. How many sushi rolls can she make with 2 cups of rice? Use the circles to help you solve the problem.



- A** 2 sushi rolls
B 4 sushi rolls
C 6 sushi rolls
D 8 sushi rolls

Fractions, Decimals, and Percents

(continued)

Read each question. Then mark your answer on the sheet.

- 49.** Cheryl put $\frac{2}{5}$ of a pound of cherries in a bag. Then she added another $\frac{1}{2}$ pound of cherries to the bag. How many pounds of cherries does she have now? Choose all that apply.

A $\frac{3}{7}$ pound
B $\left(\frac{4}{10} + \frac{5}{10}\right)$ pound
C $\frac{7}{10}$ pound
D $\frac{9}{10}$ pound

- 50.** Evaluate 5×10^0 .

A 1
B 5
C 50
D 500

- 51.** Evaluate 2.3×10^4 .

A 2.30000
B 2,300.00
C 23,000
D 230,000

- 52.** Evaluate $2.75 \div 10^2$.

A 0.0275
B 0.275
C 27.50
D 275

- 53.** Bill's bike odometer showed 38.45 miles at the end of the first day. He rode 52.96 miles on the second day. What did the odometer read at the end of the second day?

A 14.51 miles
B 80.41 miles
C 91.31 miles
D 91.41 miles

- 54.** Kevin finished the race in 43.62 seconds. Melvin finished the race in 51.06 seconds. How much faster did Kevin run the race?

A 7.24 seconds
B 7.34 seconds
C 7.44 seconds
D 8.34 seconds

Fractions, Decimals, and Percents

(continued)

Read each question. Then mark your answer on the sheet.

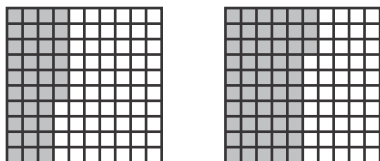
- 55.** A container in a pharmacy holds 0.72 liter of a solution. Mrs. Dwyer used 0.50 of the container for a prescription. How much did she use?

A 0.036 liters
B 0.36 liters
C 1.44 liters
D 3.6 liters

- 56.** Tickets for rides at a carnival cost \$0.75 each, but you can buy a book of 10 tickets for \$6.50. What is the cost of each ticket in the book of tickets?

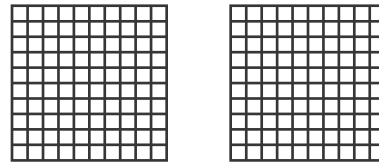
A \$0.70
B \$0.65
C \$0.60
D \$0.55

- 57.** What is $0.36 + 0.53$?



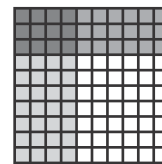
A 0.79
B 0.88
C 0.89
D 1.89

- 58.** What is $1.57 - 0.89$? Use the models to help you find the answer.



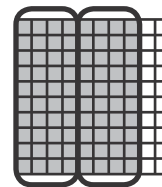
A 2.46
B 0.89
C 0.78
D 0.68

- 59.** Which equation does this area model show?



A $0.4 \times 0.3 = 0.12$
B $0.4 \times 0.3 = 1.2$
C $0.4 \times 0.3 = 12.0$
D $40 \times 30 = 120$

- 60.** Which expression does this decimal model show?



A $0.80 \div 2$
B $0.80 \div 4$
C $0.80 \div 5$
D $0.80 \div 8$

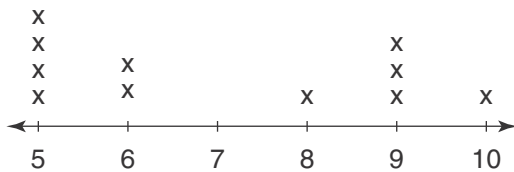
Measurement, Data, and Geometry

Read each question. Then mark your answer on the sheet.

61. 5 cm = ____ m

- A** 0.05 m **C** 50 m
B 0.5 m **D** 500 m

62. The line plot shows the number of ounces in each of eleven beakers. How much liquid would each beaker contain if the total amount in all the beakers were redistributed equally?



- A** 77 ounces **C** $7\frac{1}{7}$ ounces
B 70 ounces **D** 7 ounces

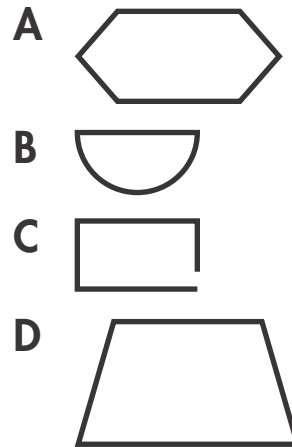
63. Which statements are true?
Choose all that apply.

- A** $3.5\text{ m} < 35\text{ cm}$
B $7\text{ cm} = 70\text{ mm}$
C $1,000\text{ mm} < 9\text{ m}$
D $8\text{ m} > 750\text{ cm}$

64. Which statements are true?
Choose all that apply.

- A** In a regular polygon all interior angles have the same measure.
B All rectangles are squares.
C All rectangles have four right angles.
D All squares are rectangles.

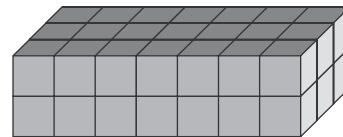
65. Which figures are polygons?
Choose all that apply.



66. Hillary built a triangular sandbox for her sister. Each side was 5 meters long. What type of triangle did she form?

- A** Equilateral **C** Scalene
B Isosceles **D** Straight

67. The picture shows unit cubes in a stack. What is the volume of this rectangular prism?



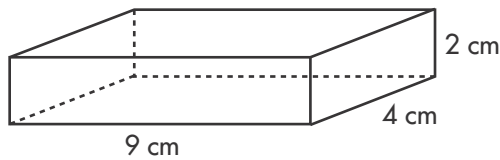
- A** 42 cubic units
B 40 cubic units
C 35 cubic units
D 28 cubic units

Measurement, Data, and Geometry

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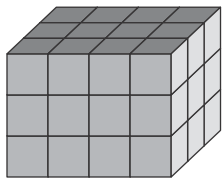
Read each question. Then mark your answer on the sheet.

- 68.** Which of these equations can be used to find the volume of the rectangular prism, n , in cubic centimeters? Choose all that apply.



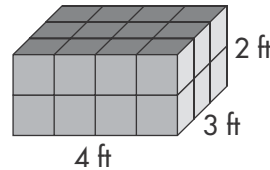
- A** $n = (9 \times 4) \times 2$
B $n = (9 \times 2) \times 4$
C $n = 2(9 \times 4) + 2(9 \times 2) + 2(4 \times 2)$
D $n = (2 \times 4) \times 9$

- 69.** This rectangular prism is made from boxes that are one cubic centimeter. What is the volume of the prism?



- A** 24 cm^3
B 33 cm^3
C 36 cm^3
D 72 cm^3

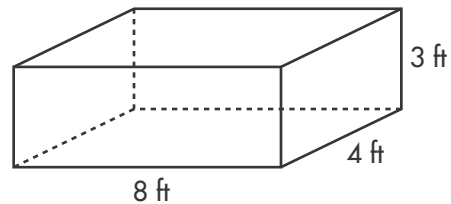
- 70.** Which expressions are equivalent to the volume of the prism, in cubic feet? Choose all that apply.



1 cube = 1 cubic foot

- A** $(4 \times 3) \times 2$
B $4(3 \times 2)$
C $(4 + 3) + 2$
D 24

- 71.** Lucy wants to fill the back of her pick-up truck with bricks that are each 1 cubic foot. The dimensions of her truck are shown. How many bricks can she load into the bed of her truck?



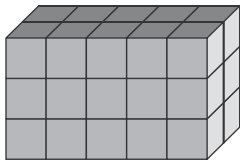
- A** 15 bricks
B 32 bricks
C 64 bricks
D 96 bricks

Measurement, Data, and Geometry

(continued)

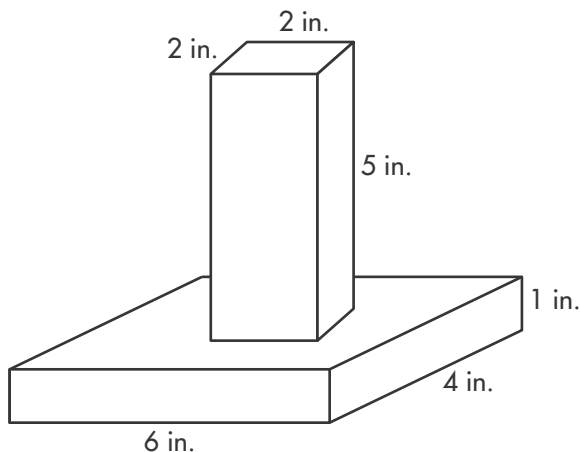
Read each question. Then mark your answer on the sheet.

- 72.** Which expressions are equivalent to the volume of the rectangular prism, in cubic units? Choose all that apply.



- A** $5 + 3 + 2$ **C** $(5 \times 3) \times 2$
B $15 + 15$ **D** 30

- 73.** Sal built this model, which is composed of two non-overlapping right rectangular prisms. What is the volume of the figure?

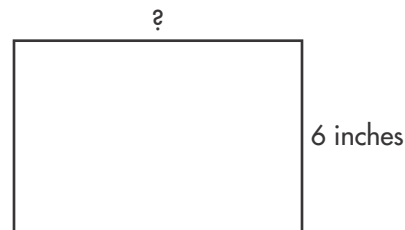


- A** 44 in.^3
B 45 in.^3
C 48 in.^3
D 58 in.^3

- 74.** Pedro's rectangular garden has an area of 140 square feet. The length of the garden is 20 feet. What is the width of the garden?

- A** 7 feet
B 14 feet
C 70 feet
D 120 feet

- 75.** The perimeter of this rectangle is 30 inches. What is the length of this rectangle?



- A** 5 inches
B 9 inches
C 15 inches
D 24 inches

Problem Solving

Read each question. Then mark your answer on the sheet.

- 76.** The fruit market has peaches for \$1.49 per pound and apples for \$1.29 per pound. What is the total cost of 4 pounds of peaches and 2 pounds of apples?

A \$5.16
B \$5.96
C \$8.14
D \$8.54

- 77.** How much more will it cost Heather to buy 32 tulips rather than 32 marigolds?

Dave's Garden Center	
Tulips	\$0.33 each
Daisies	\$0.75 each
Roses	\$9.00 each
Marigolds	\$0.25 each

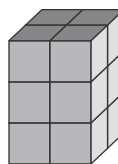
A \$10.56 **C** \$2.46
B \$8.00 **D** \$2.56

- 78.** In a group of children, there are 6 boys for every 7 girls. How many boys are there in the group if there are 49 girls?

Boys	6						
Girls	7	14	21				

A 30 boys **C** 48 boys
B 42 boys **D** 54 boys

- 79.** Suppose the stack of cubes shown is painted so that the top and bottom of the stack are green and the other 4 faces of the stack are yellow. How many of the cubes have both green and yellow faces?



A 12 cubes
B 10 cubes
C 8 cubes
D 4 cubes

- 80.** One large dish of lasagna calls for 24 ounces of cheese. Which of the following is the only reasonable number of large dishes of lasagna that can be made with 216 ounces of cheese?

A 4 dishes
B 9 dishes
C 12 dishes
D 20 dishes