

100 Day Countdown



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MAFS.5. MD.3.3

1. Merida is looking at the rectangular prism shown below. When finding the volume of the rectangular prism, what is the unit of measure Merida should use for this rectangular prism?



A. centimeters C. cubic centimeters D. cubic units

B. square centimeters

MAFS.5. MD.3.3

2. Match each rectangular prism to their correct volume.

1 inch	32 cubic inches	20 cubic inches	16 cubic inches

MAFS.5. MD.3.3

3. Trent is building a box to keep all his toys organized. Which attribute should he use to determine the amount the box will hold?

- A. area C. height
- B. perimeter D. volume

MAFS.5. MD.3.3

4. A rectangular prism is shown. What is the volume of the prism in cubic units?



MAFS.5. MD.3.3

5. JaJuan is looking at several rectangular prisms. Circle the rectangular prisms that have a volume between 25 and 50 cubic units.







Name: _____

Score: ____/5

Percentage: ____%

MAFS.5. MD.3.5

1. A rectangular prism has a volume of 240 cubic feet. One dimension is 10 feet. Which could be the other two dimensions of the prism. Mark all that apply.

A. 8 feet, 3 feet
B. 24 feet, 10 feet
C. 6 feet, 4 feet
D. 20 feet, 20 feet
E. 2 feet, 12 feet

MAFS.5. MD.3.5

2. Select all the shipping boxes that are shaped like rectangular prisms that have a volume of 384 cubic feet (ft).

 $\bigcirc 6 \text{ ft x 8 ft x 8 ft} \\ \bigcirc 4 \text{ ft x 12 ft x 24 ft} \\ \bigcirc 4 \text{ ft x 6 ft x 16 ft} \\ \bigcirc 4 \text{ ft x 6 ft x 16 ft} \\ \bigcirc 4 \text{ ft x 8 ft x 12 ft} \\ \bigcirc 3 \text{ ft x 10 ft x 20 ft} \end{aligned}$

MAFS.5. MD.3.5

3. A shipping box in the shape of a rectangular prism has a volume of 48 cubic feet, a length of 4 feet, and a width of 3 feet. What is the height, in feet, of the box?

MAFS.5. MD.3.5

4. A shipping box in the shape of a rectangular prism has the dimensions shown. What is the volume of the box in cubic feet?



MAFS.5. MD.3.5

5. A shipping box in the shape of a rectangular prism has a height of 6 feet (ft) and a volume of 96 ft³.
Using the grid below, draw a possible base for the shipping box.

_	_	_	_	 _	 _	_	_	_	_	_	

Name:	-
-------	---

Score: ____/5

Percentage: ____%

feet

MAFS.5. MD.3.5

1. A rectangular prism has a volume of 360 cubic feet. One dimension is 10 feet. Which could be the other two dimensions of the prism? Mark all that apply.

- A. 9 feet, 4 feet
- B. 6 feet, 6 feet
- C. 6 feet, 4 feet
- D. 10 feet, 20 feet
- E. 3 feet, 12 feet

MAFS.5. MD.3.5

2. Select all the rectangular prisms that have a volume of 120 cubic centimeters (cm).



MAFS.5. MD.3.5

3. A pencil box in the shape of a rectangular prism has the dimensions shown. What is the volume of the box in cubic feet?



MAFS.5. MD.3.5

4. A shipping box in the shape of a rectangular prism has a height of 8 feet (ft) and a volume of 112 ft³. Using the grid below, draw a possible base for the shipping box.



MAFS.5. MD.3.5

5. A composite figure is shown. What is the volume of the composite figure?



Percentage: ____%

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100 Day Countdown to the 5th Grade Math FSA – Day 93 MAFS.5. MD.3.5

1. Jethro is a semi-truck drive. He needs to find the dimensions of his truck's container. If the volume of the container is 2,880 cubic inches. Which could be the dimensions of the container? Mark all that apply.

A. 10 in. x 12 in. x 24 in.
B. 12 in. x 12 in. x 20 in.
C. 12 in. x 15 in. x 18 in.
D. 10 in. x 16 in. x 20 in.

MAFS.5. MD.3.5

2. Select all the rectangular prisms that have a volume of 240 cubic centimeters (cm).



MAFS.5. MD.3.5

3. A composite figure is shown. What is the volume of the composite figure?



MAFS.5. MD.3.5

4. A shipping box in the shape of a rectangular prism has a height of 3 feet (ft) and a volume of 144 ft³. Using the grid below, draw a possible base for the shipping box.



MAFS.5. MD.3.5

5. A composite figure is shown. What is the volume of the composite figure?



MAFS.5. MD.3.5

1. A rectangular prism has a volume of 240 cubic feet. One dimension is 10 feet. What could be the two other dimensions of the prism?

feet

MAFS.5. MD.3.5

2. Which of the following expressions could you use to find the volume of this figure? Mark all that apply.



A. $(7 \times 5 \times 2) + (5 \times 2 \times 2)$ B. $(5 \times 2 \times 2) + (2 \times 2 \times 7)$ C. $(2 \times 2 \times 2) + (7 \times 2 \times 2)$ D. $(5 \times 5 \times 2) + (2 \times 2 \times 7)$

MAFS.5. MD.3.5

3. Joe cut a piece of wood into the shape below. What is the volume of rectangular prism in cubic units?



MAFS.5. MD.3.5

4. On Mrs. Rutenbar's desk, she has a stack of sticky notes. She places the sticky notes in a box. Each side of the box is 5 inches. What is the volume of the box?

_____ cubic inches

MAFS.5. MD.3.5

5. Which statement is true about the figure shown below?



A. Part A of the figure has a volume of 24 cubic centimeters.

B. Part B of the figure has a volume of 36 cubic centimeters.

C. The width of Part B of the figure is 6 centimeters.D. The entire figure has a volume of 60 cubic centimeters.

Name:

Score: ____/5

Percentage: ____%

cubic units

MAFS.5. MD.3.5

1. Which of the following expressions could you use to find the volume of this figure? Mark all that apply.



A. $(10 \times 8 \times 2) + (3 \times 3 \times 4)$ B. $(10 \times 3 \times 2) + (5 \times 4 \times 2)$ C. $(10 \times 3 \times 2) + (8 \times 2 \times 4)$ D. $(8 \times 4 \times 2) + (3 \times 6 \times 2)$ E. $(8 \times 10 \times 3) + (4 \times 5 \times 2)$ MAFS.5. MD.3.5

2. A shipping box in the shape of a rectangular prism has a height of 6 feet (ft) and a volume of 168 ft³. Using the grid below, draw a possible base for the shipping box.



MAFS.5. MD.3.5

3. What is the volume of a shoe box that has a length of 10 inches, a width of 4 inches, and a height of 3 inches?

_ cubic inches

MAFS.5. MD.3.5

4. Louis is a semi-truck driver. He needs to find the dimensions of his truck's container. Which could be the dimensions of the container, if the volume of the container is 3,080 cubic inches? Mark all that apply.

A. 14 in. x 10 in. x 22 in.
B. 11 in. x 14 in. x 20 in.
C. 7 in. x 22 in. x 20 in.
D. 7 in. x 14 in. x 20 in.

MAFS.5. MD.3.5

5. George thinks the volume of the entire figure is 228 cubic centimeters. Is he correct or incorrect?



A. He is correct because he added the dimensions of each figure and then multiplied them together.B. He is correct because he multiplied the dimensions of each figure and then added them together.C. He is incorrect because he forgot to add the volume of each figure together.D. He is incorrect because he did not correctly

determine the dimensions of the shaded part.

Name: _____

Score: ____/ 5

Percentage: ____%

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MAFS.5. G.1.1

1. Point M is 3 units away from the origin in the direction of the x-axis, and 3 units away in the direction of the y-axis. What could be the coordinates of point M?

A. (0, 3)	B. (3, 3)
C. (3, 6)	D. (6, 6)

MAFS.5. G.1.1

2. Point T is 6 units away from the origin on the xaxis. Select all coordinates that could represent point T.

 $\bigcirc (0, 6) \\ \bigcirc (6, 0) \\ \bigcirc (-6, 6) \\ \bigcirc (-6, 0) \\ \bigcirc (0, -6) \end{cases}$

MAFS.5. G.1.1

3. A point is 3 units away from the origin on the yaxis. Add the point to the coordinate plane below.

> 10 9 8 7 6 5 4 3 2 1 X 1 2 3 4 567 8 9 10

MAFS.5. G.1.2

4. Which point is located at (5, 1) on the coordinate grid?



A. Point A	B. Point B
C. Point C	D. Point D

MAFS.5. G.1.2

5. Plot the point (3, 4) on the coordinate plane.



100 Day Countdown to the 5th Grade Math FSA – Day 97 MAFS.5. G.1.1

1. Point M is 3 units away from the origin on the xaxis. What could be the coordinates of point M?

A. (0, 3)	B. (3, 0)
C. (3, 3)	D. (3, 6)

MAFS.5. G.1.1

2. Point T is 6 units away from the origin on the yaxis. Select all coordinates that could represent point T.

 $\bigcirc (0, 6) \\ \bigcirc (6, 0) \\ \bigcirc (-6, 6) \\ \bigcirc (-6, 0) \\ \bigcirc (0, -6) \end{cases}$

MAFS.5. G.1.1

3. Point A has the coordinates (3, 5). Point B is located5 units above point A. Add both points to thecoordinate plane below.

10 9 8 7 6 5 4 3 2 1 2 3 4 56 7 8 9 10

MAFS.5. G.1.2

4. The location of the park in Dan's town is shown in the coordinate plane. Dan left the park for home. He went 3 units up and 4 units right and got to his home. Add the point to the coordinate plane below that indicates the location of Dan's house.



MAFS.5. G.1.2

5. A company has four book stores in one city. The grid shows the location of each book store. Which ordered pair tells the location of Book Store *C*?



100 Day Countdown to the 5th Grade Math FSA – Day 98 MAFS.5. G.1.1

1. Point M is 3 units away from the origin in the direction of the x-axis, and 5 units away in the direction of the y-axis. What could be the coordinates of point M?

A. (3, 5)	B. (3, 8)
C. (5, 3)	D. (5, 8)

MAFS.5. G.1.1

- 2. A point is located as described.
 - 4 units away from the origin in the direction of the x-axis, and
 - 4 units away from the origin in the direction of the y-axis

Add the point to the coordinate plane below.



MAFS.5. G.1.2

3. On a coordinate grid, Ruth's house is located 3 blocks to the right and 4 blocks up from (0, 0). Tre's house is located 1 block to the left and 3 blocks down from Ruth's house. Write the ordered pair that describes the location of Tre's house?

MAFS.5. G.1.2

4. Some locations in Dave's town are shown in the coordinate plane. Dave moved from one location to another by traveling 1 unit left and 5 units up. Which ways could he have travelled?



- A. From home to the park
- B. From the park to the library
- C. From home to the library
- D. From school to the park

MAFS.5. G.1.2

Percentage: ____

5. A company has four book stores in one city. The grid shows the location of each book store. Which ordered pair tells the location of Book Store A?

		11				-	++-
		9 8			•		
		7 6 5 4	D			В	
		2 1 0 1	2 3	4 5 6	C 7	8 9 1	10 11
A. (7, 9)			B.	. (9,	7)		
C. (6, 9)			D	. (7,	, 0)		
Name:							
Score:	/5						

%

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100 Day Countdown to the 5th Grade Math FSA – Day 99 MAFS.5. G.1.1

1. Point M is 7 units away from the origin in the direction of the x-axis, and 2 units away in the direction of the y-axis. What could be the coordinates of point M?

A. (2, 7)	B. (0, 7)
C. (2, 5)	D. (7, 2)

MAFS.5. G.1.1

2. A point is located as described.

• 3 units away from the origin in the direction of the x-axis, and

• 4 units away from the origin in the direction of the y-axis

Add the point to the coordinate plane below.



MAFS.5. G.1.2

3. On a coordinate grid, Ruth's house is located 5 blocks to the right and 2 blocks up from (0, 0). Tre's house is located 3 blocks to the left and 3 blocks up from Ruth's house. Write the ordered pair that describes the location of Tre's house.

MAFS.5. G.1.2

4. Some locations in Bobby's town are shown in the coordinate plane. Select all the true statements.



A. The museum is 4 units away from the origin in the direction of the y-axis and 2 units away from the origin in the direction of the x-axis.

B. If you walk 3 units away from the origin in the direction of the x-axis and 1 block down from airport, you would reach the park.

C. Starting at the park, the court is 2 blocks up and 1 block right.

D. To reach the park from the airport, walk 3 blocks left and 1 block down.

MAFS.5. G.1.2

5. A company has four book stores in one city. The grid shows the location of each book store. What is the ordered pair that tells the location of Book Store D?

Name: _____/5 Score: _____/5 Percentage: ____%

MAFS.5. G.1.1

1. Point M is 6 units away from the origin in the direction of the x-axis, and 2 units away in the direction of the y-axis. What could be the coordinates of point M?

A. (2, 2)	B. (6, 2)
C. (2, 6)	D. (6, 6)

MAFS.5. G.1.1

2. Point T is 8 units away from the origin on the xaxis. Select all coordinates that could represent point T.

 $\bigcirc (8, 0) \\ \bigcirc (8, 8) \\ \bigcirc (-8, 0) \\ \bigcirc (0, -8) \\ \bigcirc (8, 4) \end{cases}$

MAFS.5. G.1.2

3. Point A has the coordinates (6, 4). Point B is located2 units above point A. Add both points to thecoordinate plane below.



MAFS.5. G.1.2

4. Sonia's trip is shown in the coordinate plane. Select all the true statements.



- \bigcirc Sonia travelled 3 miles.
- \bigcirc Sonia travelled 5 miles.
- O Sonia travelled 6 miles.
- O Sonia's trip lasts 7 hours.
- Sonia's trip lasts 5 hours.

MAFS.5. G.1.2

5. Which point is located at (5, 4) on the coordinate

