Solve	each	prob	lem.
	Cucii	PION	CILL

- 1) A cube has depth of 10 cm. What is the volume of the cube?
- 2) What is the volume of a figure with that is 6 inches wide, 3 inches tall and 4 inches long?
- 3) A cube has width of 6 cm. What is the volume of the cube?
- 4) A cube has width of 8 cm. What is the volume of the cube?
- 5) A rectangular prism has a width of 5 cm, a height of 8 cm and a depth of 2 cm. What is the volume of the prism?
- 6) A rectangular prism has a width of 8 cm, a height of 8 cm and a depth of 10 cm. What is the volume of the prism?
- 7) A rectangular prism has a width of 9 cm, a height of 10 cm and a depth of 5 cm. What is the volume of the prism?
- **8)** A rectangular prism has a width of 9 cm, a height of 7 cm and a depth of 2 cm. What is the volume of the prism?
- 9) What is the volume of a figure with that is 10 inches wide, 3 inches tall and 5 inches long?
- 10) What is the volume of a figure with that is 2 inches wide, 9 inches tall and 8 inches long?

- . ____
- 2.
- 3. _____
- 4. _____
- 5.
- 6.
- 7. _____
- 8.
- 9. _____
- 10. _____

- 1) A cube has depth of 10 cm. What is the volume of the cube?
- 2) What is the volume of a figure with that is 6 inches wide, 3 inches tall and 4 inches long?
- 3) A cube has width of 6 cm. What is the volume of the cube?
- 4) A cube has width of 8 cm. What is the volume of the cube?
- 5) A rectangular prism has a width of 5 cm, a height of 8 cm and a depth of 2 cm. What is the volume of the prism?
- 6) A rectangular prism has a width of 8 cm, a height of 8 cm and a depth of 10 cm. What is the volume of the prism?
- 7) A rectangular prism has a width of 9 cm, a height of 10 cm and a depth of 5 cm. What is the volume of the prism?
- 8) A rectangular prism has a width of 9 cm, a height of 7 cm and a depth of 2 cm. What is the volume of the prism?
- 9) What is the volume of a figure with that is 10 inches wide, 3 inches tall and 5 inches long?
- 10) What is the volume of a figure with that is 2 inches wide, 9 inches tall and 8 inches long?

Answers

- $1. 1000 \text{ cm}^3$
- $\frac{1}{2}$ 72 in³
 - 216 cm³
- 4. 512 cm³
- 5. **80 cm³**
- 6. **640 cm**³
- 7. **450** cm³
- 8. 126 cm³
- 9. **150 in³**
- $_{10}$ 144 in³

Solve	each	problem
	Cucii	PI ODICIII

- 1) A rectangular prism has a width of 5 cm, a height of 8 cm and a depth of 5 cm. What is the volume of the prism?
- l. _____

Answers

2) A cube has width of 2 cm. What is the volume of the cube?

- ____
- 3) What is the volume of a figure with that is 3 inches wide, 3 inches tall and 7 inches long?
- **l.**

4) A cube has width of 9 cm. What is the volume of the cube?

.

- '.
- 5) What is the volume of a figure with that is 5 inches wide, 10 inches tall and 5 inches long?
- 8.

6) A cube has height of 3 cm. What is the volume of the cube?

9. _____

- 7) A rectangular prism has a width of 2 cm, a height of 9 cm and a depth of 2 cm. What is the volume of the prism?
- volume of the prism?
- 8) What is the volume of a figure with that is 8 inches wide, 3 inches tall and 10 inches long?
- 9) A rectangular prism has a width of 4 cm, a height of 3 cm and a depth of 5 cm. What is the volume of the prism?
- **10)** A rectangular prism has a width of 8 cm, a height of 2 cm and a depth of 10 cm. What is the volume of the prism?

Name:

Solve each problem.

- 1) A rectangular prism has a width of 5 cm, a height of 8 cm and a depth of 5 cm. What is the volume of the prism?
- 200 cm³

Answers

8 cm³

2) A cube has width of 2 cm. What is the volume of the cube?

- 63 in^3
- 3) What is the volume of a figure with that is 3 inches wide, 3 inches tall and 7 inches long?
- **729** cm³

4) A cube has width of 9 cm. What is the volume of the cube?

.

250 in

- 36 cm^3
- 5) What is the volume of a figure with that is 5 inches wide, 10 inches tall and 5 inches long?
- $_{8.}$ 240 in³

6) A cube has height of 3 cm. What is the volume of the cube?

9. **00 CIII**

- 7) A rectangular prism has a width of 2 cm, a height of 9 cm and a depth of 2 cm. What is the volume of the prism?
- 160 cm³

- 8) What is the volume of a figure with that is 8 inches wide, 3 inches tall and 10 inches long?
- 9) A rectangular prism has a width of 4 cm, a height of 3 cm and a depth of 5 cm. What is the volume of the prism?
- **10**) A rectangular prism has a width of 8 cm, a height of 2 cm and a depth of 10 cm. What is the volume of the prism?

- 1) A rectangular prism has a width of 8 cm, a height of 5 cm and a depth of 2 cm. What is the volume of the prism?
- · _____

Answers

- 2) What is the volume of a figure with that is 9 inches wide, 3 inches tall and 3 inches long?
- _____

3) A cube has depth of 9 cm. What is the volume of the cube?

- 1.
- 4) What is the volume of a figure with that is 8 inches wide, 7 inches tall and 2 inches long?
- 5

5) A cube has height of 3 cm. What is the volume of the cube?

7.

- .
- 6) A rectangular prism has a width of 6 cm, a height of 4 cm and a depth of 2 cm. What is the volume of the prism?
- 10. _____

- 7) A cube has width of 5 cm. What is the volume of the cube?
- 8) A rectangular prism has a width of 5 cm, a height of 2 cm and a depth of 7 cm. What is the volume of the prism?
- 9) What is the volume of a figure with that is 3 inches wide, 2 inches tall and 5 inches long?
- **10**) A rectangular prism has a width of 7 cm, a height of 8 cm and a depth of 3 cm. What is the volume of the prism?

- 1) A rectangular prism has a width of 8 cm, a height of 5 cm and a depth of 2 cm. What is the volume of the prism?
- 1. **80 cm³**

Answers

- 2) What is the volume of a figure with that is 9 inches wide, 3 inches tall and 3 inches long?
- $2. \quad 81 \text{ in}^3$

3) A cube has depth of 9 cm. What is the volume of the cube?

112 in³

729 cm

- 4) What is the volume of a figure with that is 8 inches wide, 7 inches tall and 2 inches long?
- 27 cm³

48 cm

5) A cube has height of 3 cm. What is the volume of the cube?

₇ 125 cm³

- $_{8.}$ 70 cm³
- 6) A rectangular prism has a width of 6 cm, a height of 4 cm and a depth of 2 cm. What is the volume of the prism?
- $_{9.}$ 30 in³

7) A cube has width of 5 cm. What is the volume of the cube?

10 168 cm³

- 8) A rectangular prism has a width of 5 cm, a height of 2 cm and a depth of 7 cm. What is the volume of the prism?
- 9) What is the volume of a figure with that is 3 inches wide, 2 inches tall and 5 inches long?
- **10**) A rectangular prism has a width of 7 cm, a height of 8 cm and a depth of 3 cm. What is the volume of the prism?

Solve	each	problem
	Cucii	PI ODICIII

- 1) A cube has height of 9 cm. What is the volume of the cube?
- 2) A cube has width of 7 cm. What is the volume of the cube?
- 3) What is the volume of a figure with that is 5 inches wide, 5 inches tall and 4 inches long?
- 4) What is the volume of a figure with that is 5 inches wide, 10 inches tall and 3 inches long?
- 5) A rectangular prism has a width of 3 cm, a height of 4 cm and a depth of 10 cm. What is the volume of the prism?
- 6) A rectangular prism has a width of 10 cm, a height of 7 cm and a depth of 6 cm. What is the volume of the prism?
- 7) A rectangular prism has a width of 8 cm, a height of 9 cm and a depth of 7 cm. What is the volume of the prism?
- **8)** A rectangular prism has a width of 7 cm, a height of 2 cm and a depth of 10 cm. What is the volume of the prism?
- 9) What is the volume of a figure with that is 3 inches wide, 8 inches tall and 5 inches long?
- 10) A cube has width of 10 cm. What is the volume of the cube?

- 1. _____
- 2.
- 3. _____
- 4. _____
- 5. _____
- 6.
- 1. _____
- 8.
-).
- 10. _____

Name:

Solve each problem.

- 1) A cube has height of 9 cm. What is the volume of the cube?
- 2) A cube has width of 7 cm. What is the volume of the cube?
- 3) What is the volume of a figure with that is 5 inches wide, 5 inches tall and 4 inches long?
- 4) What is the volume of a figure with that is 5 inches wide, 10 inches tall and 3 inches long?
- 5) A rectangular prism has a width of 3 cm, a height of 4 cm and a depth of 10 cm. What is the volume of the prism?
- 6) A rectangular prism has a width of 10 cm, a height of 7 cm and a depth of 6 cm. What is the volume of the prism?
- 7) A rectangular prism has a width of 8 cm, a height of 9 cm and a depth of 7 cm. What is the volume of the prism?
- **8**) A rectangular prism has a width of 7 cm, a height of 2 cm and a depth of 10 cm. What is the volume of the prism?
- 9) What is the volume of a figure with that is 3 inches wide, 8 inches tall and 5 inches long?
- 10) A cube has width of 10 cm. What is the volume of the cube?

- **Answers**
- 1. **729** cm³
- $_{2.}$ 343 cm³
- 100 in^3
- $_{4.}$ 150 in³
- $_{5.}$ 120 cm³
- 6. 420 cm³
- $_{7.}$ 504 cm³
- 8. 140 cm³
- 120 in^3
- _{10.} **1000 cm³**

Solve	each	probl	em.
	Cucii		CILL

1) A cube has depth of 3 cm. What is the volume of the cube?

l. _____

Answers

- 2) A rectangular prism has a width of 6 cm, a height of 8 cm and a depth of 3 cm. What is the volume of the prism?
- 3) What is the volume of a figure with that is 10 inches wide, 2 inches tall and 3 inches long?
- l. _____

4) A cube has height of 8 cm. What is the volume of the cube?

- 5) A rectangular prism has a width of 6 cm, a height of 6 cm and a depth of 10 cm. What is the volume of the prism?
- . _____

- 6) What is the volume of a figure with that is 8 inches wide, 7 inches tall and 6 inches long?
- .

- 7) A rectangular prism has a width of 7 cm, a height of 6 cm and a depth of 7 cm. What is the volume of the prism?
- 10. _____

- 8) A cube has depth of 5 cm. What is the volume of the cube?
- 9) What is the volume of a figure with that is 6 inches wide, 2 inches tall and 10 inches long?
- **10**) A rectangular prism has a width of 10 cm, a height of 4 cm and a depth of 7 cm. What is the volume of the prism?

- 1) A cube has depth of 3 cm. What is the volume of the cube?
- 2) A rectangular prism has a width of 6 cm, a height of 8 cm and a depth of 3 cm. What is the volume of the prism?
- 3) What is the volume of a figure with that is 10 inches wide, 2 inches tall and 3 inches long?
- 4) A cube has height of 8 cm. What is the volume of the cube?
- 5) A rectangular prism has a width of 6 cm, a height of 6 cm and a depth of 10 cm. What is the volume of the prism?
- 6) What is the volume of a figure with that is 8 inches wide, 7 inches tall and 6 inches long?
- 7) A rectangular prism has a width of 7 cm, a height of 6 cm and a depth of 7 cm. What is the volume of the prism?
- 8) A cube has depth of 5 cm. What is the volume of the cube?
- 9) What is the volume of a figure with that is 6 inches wide, 2 inches tall and 10 inches long?
- **10**) A rectangular prism has a width of 10 cm, a height of 4 cm and a depth of 7 cm. What is the volume of the prism?

Answers

- 1. **27 cm**³
- 2 144 cm³
- 3. **60 in**³
- 4. 512 cm³
- $_{5.}$ 360 cm³
- $_{6.}$ 336 in³
- 7. **294** cm³
- 125 cm^3
- 120 in^3
- _{10.} **280** cm³



- 1) A rectangular prism has a width of 9 cm, a height of 7 cm and a depth of 8 cm. What is the volume of the prism?
- l. _____

Answers

- 2) A rectangular prism has a width of 10 cm, a height of 8 cm and a depth of 8 cm. What is the volume of the prism?

3) A cube has depth of 2 cm. What is the volume of the cube?

4. _____

4) A cube has depth of 6 cm. What is the volume of the cube?

- '. _____
- 5) A rectangular prism has a width of 2 cm, a height of 9 cm and a depth of 7 cm. What is the volume of the prism?
- 6) What is the volume of a figure with that is 5 inches wide, 10 inches tall and 9 inches long?
- 10. ____

- 7) What is the volume of a figure with that is 10 inches wide, 7 inches tall and 10 inches long?
- **8**) A rectangular prism has a width of 10 cm, a height of 4 cm and a depth of 2 cm. What is the volume of the prism?
- 9) A cube has height of 9 cm. What is the volume of the cube?
- **10**) What is the volume of a figure with that is 9 inches wide, 5 inches tall and 8 inches long?

- 1) A rectangular prism has a width of 9 cm, a height of 7 cm and a depth of 8 cm. What is the volume of the prism?
- ₂ 640 cm³

Answers

504 cm

- 2) A rectangular prism has a width of 10 cm, a height of 8 cm and a depth of 8 cm. What is the volume of the prism?
- 8 cm³

3) A cube has depth of 2 cm. What is the volume of the cube?

216 cm³

4) A cube has depth of 6 cm. What is the volume of the cube?

126 cm

450 in³

- 7. 700 in³
- 5) A rectangular prism has a width of 2 cm, a height of 9 cm and a depth of 7 cm. What is the volume of the prism?
- _____

80 cm

- 6) What is the volume of a figure with that is 5 inches wide, 10 inches tall and 9 inches long?
- _{10.} **360 in**³

9.

- 7) What is the volume of a figure with that is 10 inches wide, 7 inches tall and 10 inches long?
- **8)** A rectangular prism has a width of 10 cm, a height of 4 cm and a depth of 2 cm. What is the volume of the prism?
- 9) A cube has height of 9 cm. What is the volume of the cube?

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10) What is the volume of a figure with that is 9 inches wide, 5 inches tall and 8 inches long?

~ •	-	_	
Solve	each	prob	lem

volume of the prism?

1) A cube has height of 6 cm. What is the volume of the cube?

2) A cube has depth of 3 cm. What is the volume of the cube?

1. _____

Answers

- 2.
 - 3.
- 3) A rectangular prism has a width of 2 cm, a height of 3 cm and a depth of 2 cm. What is the
 - **.**
- 4) What is the volume of a figure with that is 3 inches wide, 2 inches tall and 7 inches long?
- _____
- 5) What is the volume of a figure with that is 2 inches wide, 10 inches tall and 9 inches long?
- 8.
- 9. _____
- 10. ____

- **6**) A cube has width of 6 cm. What is the volume of the cube?
- 7) A rectangular prism has a width of 5 cm, a height of 7 cm and a depth of 3 cm. What is the volume of the prism?
- 8) What is the volume of a figure with that is 3 inches wide, 3 inches tall and 9 inches long?
- 9) A cube has depth of 8 cm. What is the volume of the cube?
- **10**) A rectangular prism has a width of 8 cm, a height of 2 cm and a depth of 8 cm. What is the volume of the prism?

1) A cube has height of 6 cm. What is the volume of the cube?

216 cm³

Answers

27 cm³

2) A cube has depth of 3 cm. What is the volume of the cube?

- 3. 12 cm³
- 3) A rectangular prism has a width of 2 cm, a height of 3 cm and a depth of 2 cm. What is the volume of the prism?
- $42 in^3$
- 4) What is the volume of a figure with that is 3 inches wide, 2 inches tall and 7 inches long?
- 216 cm³

180 in³

- 5) What is the volume of a figure with that is 2 inches wide, 10 inches tall and 9 inches long?
- 7. 105 cm³
- _____

81 in

6) A cube has width of 6 cm. What is the volume of the cube?

- $_{10}$ 128 cm³
- 7) A rectangular prism has a width of 5 cm, a height of 7 cm and a depth of 3 cm. What is the volume of the prism?
- 8) What is the volume of a figure with that is 3 inches wide, 3 inches tall and 9 inches long?
- 9) A cube has depth of 8 cm. What is the volume of the cube?
- **10**) A rectangular prism has a width of 8 cm, a height of 2 cm and a depth of 8 cm. What is the volume of the prism?

- 1) What is the volume of a figure with that is 5 inches wide, 10 inches tall and 9 inches long?
- · _____

Answers

- 2) A rectangular prism has a width of 4 cm, a height of 9 cm and a depth of 4 cm. What is the volume of the prism?
- .
- 3) What is the volume of a figure with that is 6 inches wide, 4 inches tall and 3 inches long?
- l. _____
- 4) A rectangular prism has a width of 2 cm, a height of 2 cm and a depth of 10 cm. What is the volume of the prism?

5) A cube has width of 10 cm. What is the volume of the cube?

7.

6) A cube has depth of 6 cm. What is the volume of the cube?

- 10
- 7) What is the volume of a figure with that is 10 inches wide, 8 inches tall and 3 inches long?
- 8) A cube has height of 8 cm. What is the volume of the cube?
- 9) A rectangular prism has a width of 7 cm, a height of 2 cm and a depth of 9 cm. What is the volume of the prism?
- **10**) A cube has depth of 9 cm. What is the volume of the cube?

3.

Solve each problem.

1) What is the volume of a figure with that is 5 inches wide, 10 inches tall and 9 inches long?

<u>Answers</u>

144 cm

- 2) A rectangular prism has a width of 4 cm, a height of 9 cm and a depth of 4 cm. What is the volume of the prism?
- **72** in³
- 3) What is the volume of a figure with that is 6 inches wide, 4 inches tall and 3 inches long?
- 40 cm³

- A rectangular prism has a width of 2 cm, a height of 2 cm and a depth of 10 cm. What is the volume of the prism?
- 216 cm

1000 cm

5) A cube has width of 10 cm. What is the volume of the cube?

512 cm

A cube has depth of 6 cm. What is the volume of the cube?

- 7) What is the volume of a figure with that is 10 inches wide, 8 inches tall and 3 inches long?

- 8) A cube has height of 8 cm. What is the volume of the cube?
- A rectangular prism has a width of 7 cm, a height of 2 cm and a depth of 9 cm. What is the volume of the prism?
- **10**) A cube has depth of 9 cm. What is the volume of the cube?

Solve	each	prob	lem.
	Cucii		CILL

- 1) What is the volume of a figure with that is 4 inches wide, 8 inches tall and 10 inches long?
- · _____

Answers

- 2) A rectangular prism has a width of 4 cm, a height of 5 cm and a depth of 6 cm. What is the volume of the prism?

3) A cube has width of 2 cm. What is the volume of the cube?

- . _____
- 4) A rectangular prism has a width of 9 cm, a height of 7 cm and a depth of 4 cm. What is the volume of the prism?
- 5.
- 5) What is the volume of a figure with that is 6 inches wide, 7 inches tall and 6 inches long?
- _____

- 6) A rectangular prism has a width of 9 cm, a height of 4 cm and a depth of 6 cm. What is the volume of the prism?
- Э._____

7) A cube has height of 8 cm. What is the volume of the cube?

10. ____

- **8**) What is the volume of a figure with that is 10 inches wide, 5 inches tall and 10 inches long?
- 9) A rectangular prism has a width of 9 cm, a height of 5 cm and a depth of 7 cm. What is the volume of the prism?
- **10**) A cube has depth of 6 cm. What is the volume of the cube?

- 1) What is the volume of a figure with that is 4 inches wide, 8 inches tall and 10 inches long?
- $320 in^3$

<u>Answers</u>

- 2) A rectangular prism has a width of 4 cm, a height of 5 cm and a depth of 6 cm. What is the volume of the prism?
- 2. **120 cm**³

3) A cube has width of 2 cm. What is the volume of the cube?

 252 cm^3

8 cm³

- 4) A rectangular prism has a width of 9 cm, a height of 7 cm and a depth of 4 cm. What is the volume of the prism?
- 6 216 cm³
- 5) What is the volume of a figure with that is 6 inches wide, 7 inches tall and 6 inches long?
- $_{7.}$ 512 cm³
- 3.

315 cm

- 6) A rectangular prism has a width of 9 cm, a height of 4 cm and a depth of 6 cm. What is the volume of the prism?
- 10 216 cm³

- 7) A cube has height of 8 cm. What is the volume of the cube?
- 8) What is the volume of a figure with that is 10 inches wide, 5 inches tall and 10 inches long?
- 9) A rectangular prism has a width of 9 cm, a height of 5 cm and a depth of 7 cm. What is the volume of the prism?
- **10**) A cube has depth of 6 cm. What is the volume of the cube?

Solve each j	problem.
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- 1) A rectangular prism has a width of 8 cm, a height of 2 cm and a depth of 8 cm. What is the volume of the prism?
- l. _____

Answers

2) A cube has depth of 5 cm. What is the volume of the cube?

- ----
- 3) What is the volume of a figure with that is 2 inches wide, 9 inches tall and 6 inches long?
- 1. _____
- 4) A rectangular prism has a width of 9 cm, a height of 5 cm and a depth of 2 cm. What is the volume of the prism?

5) A cube has width of 4 cm. What is the volume of the cube?

7. _____

6) A cube has height of 8 cm. What is the volume of the cube?

- 10.
- 7) What is the volume of a figure with that is 6 inches wide, 9 inches tall and 2 inches long?
- 8) A cube has depth of 7 cm. What is the volume of the cube?
- 9) A rectangular prism has a width of 6 cm, a height of 5 cm and a depth of 2 cm. What is the volume of the prism?
- **10)** A rectangular prism has a width of 9 cm, a height of 6 cm and a depth of 4 cm. What is the volume of the prism?

- 1) A rectangular prism has a width of 8 cm, a height of 2 cm and a depth of 8 cm. What is the volume of the prism?
- 128 cm

Answers

- 125 cm

2) A cube has depth of 5 cm. What is the volume of the cube?

- 108 in
- 3) What is the volume of a figure with that is 2 inches wide, 9 inches tall and 6 inches long?
- 90 cm
- A rectangular prism has a width of 9 cm, a height of 5 cm and a depth of 2 cm. What is the volume of the prism?
- 512 cm

64 cm

108 in

5) A cube has width of 4 cm. What is the volume of the cube?

343 cm

A cube has height of 8 cm. What is the volume of the cube?

- 7) What is the volume of a figure with that is 6 inches wide, 9 inches tall and 2 inches long?
- **216** cm³

- 8) A cube has depth of 7 cm. What is the volume of the cube?
- 9) A rectangular prism has a width of 6 cm, a height of 5 cm and a depth of 2 cm. What is the volume of the prism?
- 10) A rectangular prism has a width of 9 cm, a height of 6 cm and a depth of 4 cm. What is the volume of the prism?