



Name _____ Class _____ Date _____

1 What is the **volume** of a rectangular prism **6** by **6** by **4** inches?

$V = hwl$

A 16 inches
B 36 square inches
C 16 cubic inches
D 144 cubic inches

2 What is the **volume** of a prism which measures **2** inches by **3** inches by **8** inches?

$V = hwl$

A 13 cubic inches
B 50 cubic inches
C 48 cubic inches
D 40 cubic inches

3 What is the **volume** of a rectangular prism which is **8** cm by **3** cm by **14** cm?

$V = hwl$

A 240 cubic centimeters
B 336 cubic centimeters

4 What is the **circumference** of circle with a radius of **5** feet?

$C = \pi \times d$ $\pi = 3.14$

A 15 inches
B 15.7 inches

5

PREVIEW

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7

A 16 cubic meters
B 120 cubic meters
C 125 cubic meters
D 40 cubic meters

A 6^3
B $6 + 6 + 6$
C $3 \times 6 \times \pi$
D 6×6

9

AVERAGE TEMPERATURES (°F)

City	Jan.	Apr.	July	Oct.
Boston, MA	29.6	48.7	73.5	54.8
Dallas, TX	44.0	65.9	86.3	67.9
Madison, WI	15.6	45.8	70.6	49.5
Phoenix, AZ	52.3	68.1	92.3	73.4

What is the **temperature** in Dallas during the **month of July**?

A 70.6° **B** 67.9° **C** 86.3° **D** 92.3°

10

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Which city is the **warmest** in **winter**?

A Boston, MA **C** Madison, WI
B Phoenix, AZ **D** Dallas, TX

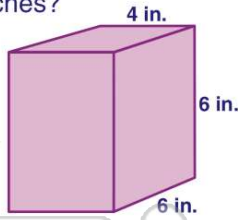


ANSWER KEY

What is the **volume** of a rectangular prism **6** by **6** by **4** inches?

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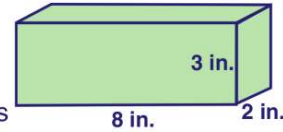


(d)

What is the **volume** of a prism which measures **2** inches by **3** inches by **8** inches?

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- A 13 cubic inches
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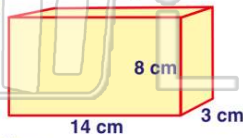


(c)

What is the **volume** of a rectangular prism which is **8** cm by **3** cm by **14** cm?

$V = hwl$

- A 240 cubic centimeters
- B 336 cubic centimeters
- C 324 cubic centimeters
- D 336 cubic centimeters

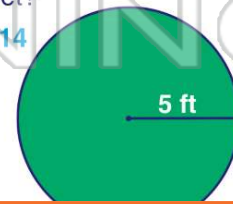


(b)

What is the **circumference** of circle with a radius of **5** feet?

$C = \pi \times d$ $\pi = 3.14$

- A 15 inches
- B 15.7 inches
- C 31 inches
- D 31.4 inches



(d)



PREVIEW

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- A 16 cubic meters
- B 120 cubic meters
- C 125 cubic meters
- D 40 cubic meters



- B $6 + 6 + 6$
- C $3 \times 6 \times \pi$
- D 6×6



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(c)

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(b)

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