

5TH GRADE COMMON

CORE



**MATH
TEST**



COMMON CORE
STATE STANDARDS INITIATIVE

Which phrase describes the volume of a 3-dimensional figure?



- The number of square units it takes to fill a solid figure
- The number of cubic units it takes to fill a solid figure
- The number of square units it takes to cover the outside of a solid figure
- The number of cubic units it takes to cover the outside of a solid figure

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What is the value of the expression below?
 $1536 \div 24$



- 57
- 64
- 65
- 68

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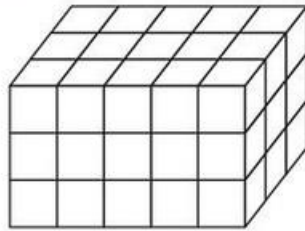


- 57
- 64
- 65
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What is the volume, in cubic centimeters,
of the figure below?



- 15
- 24
- 30
- 45

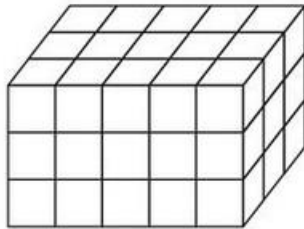


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What is the volume, in cubic centimeters,
of the figure below?



- 15
- 24
- 30
- 45



of 33

Below, Jim gave the description of a figure.
What is it?



- Rectangle
- Rhombus
- Square
- Pentagon

- It is a quadrilateral.
- All sides are equal in length.
- There are 2 equal obtuse angles; 2 equal acute angles.

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Below, Jim gave the description of a figure.
What is it?



- Rectangle
- Rhombus
- Square
- Pentagon

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of 33

Which expression is equivalent to 100,000?



- 10^4
- 10^5
- 10^6
- 10^7

0 of 33

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- 10^4
- 10^5
- 10^6
- 10^7

11 of 33

Lori and Maria bought juice. Maria bought 5 bottles, each containing 750 milliliters. Lori bought 4 liters. Which sentence is true, then?



- Lori bought 0.25 liter more juice than Maria.
- Maria bought 0.75 liter more juice than Lori.
- Maria bought 33.5 liters more juice than Lori.
- Lori bought 36.25 liters more juice than Maria.

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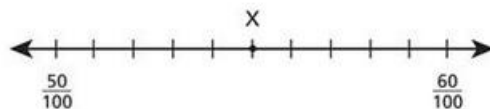
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Which decimal best represents the location of point X on the number line below?



- 0.5
- 0.55
- 0.56
- 0.6

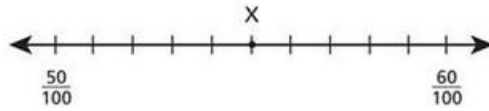


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Which decimal best represents the location of point X on the number line below?



- 0.5
- 0.55
- 0.56
- 0.6



15 of 33

Deb has a board that measures 5 feet in length.
How many $\frac{1}{4}$ -foot-long pieces can Deb cut?



- 1
- 9
- 10
- 20

16 of 33

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How many $\frac{1}{4}$ -foot-long pieces can Deb cut?



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In which number does the 5 represent a value 10 times the value represented by the 5 in 35,187?



- 117,568
- 247,351
- 325,827
- 453,362

18 of 33



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- 117,568
- 247,351
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19 of 33

Michele is 52 inches tall. Her father is 6-foot-3.
Exactly how many inches taller is Michele's
father than Michele?



- 11
- 13
- 23
- 25

20 of 33

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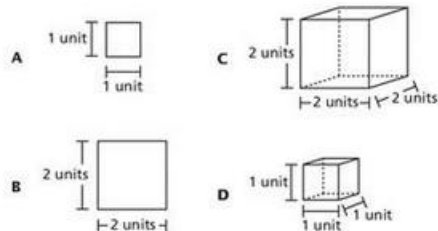
- 11
- 13
- 23
- 25

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Which diagram represents a volume
of one cubic unit?



- A
- B
- C
- D

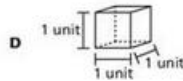
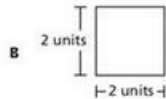
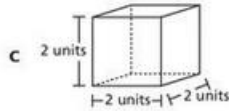
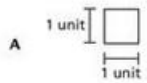


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Which diagram represents a volume of one cubic unit?



- A
- B
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Which statement is true about the values of the two expressions below?

Expression A: $3 \times (8 + 4)$ | Expression B: $8 + 4$



- The value of Expression B is three times the value of Expression A.
- The value of Expression A is three times the value of Expression B.
- The value of Expression A is three more than the value of Expression B.
- The value of Expression B is three more than the value of Expression A.

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Which statement is true about the values of the two expressions below?

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136.25 | In a different number, the 6 represents a value which is one-tenth of the value of the 6 in the number above. What value is represented by the 6 in the other number?



- six hundredths
- six tenths
- six ones
- six tens

of 33

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What number goes in the blank to make the statement below true?

3,840 ounces = _____ pounds



- 24
- 240
- 480
- 61,440

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What number goes in the blank to make the statement below true?

3,840 ounces = _____ pounds



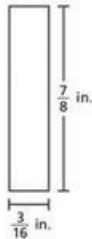
- 24
- 240
- 480
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What is the area, in square inches, of a rectangle with the dimensions shown in the diagram below?



- $\frac{21}{128}$
- $\frac{3}{14}$
- $\frac{10}{24}$
- $\frac{24}{112}$

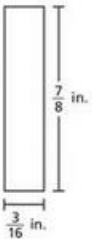


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What is the area, in square inches, of a rectangle with the dimensions shown in the diagram below?



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- $\frac{3}{14}$
- $\frac{10}{24}$
- $\frac{24}{112}$



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How did you do?



A 14-15 CORRECT	B 12-13 CORRECT	C 11 CORRECT
D 9-10 CORRECT	F 8 OR BELOW FAIL	