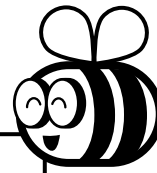
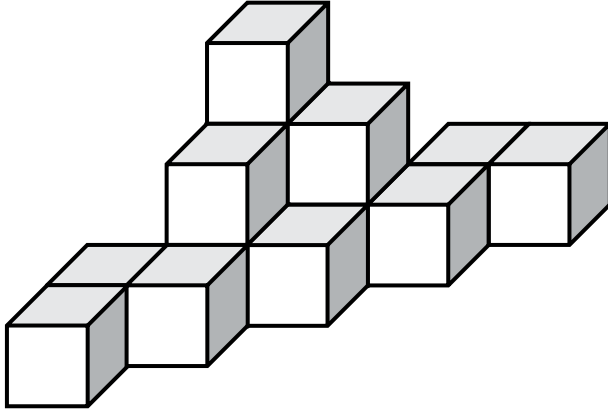


Name: _____



Math Buzz

What is the volume of this object in cubic units?



Find the product.

$$\begin{array}{r} 578 \\ \times 394 \\ \hline \end{array}$$



Preview

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4.302 _____ 4.307

Complete the table using the given rules. Then explain
the relationship between the corresponding terms.

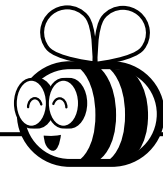
Pattern A rule: add 5

Pattern B rule: add 10

Pattern A	5	10		
Pattern B	10		30	



Name: _____



Math Buzz

Write the decimals in expanded form.

482.25 = _____

247.573 = _____

14.3 = _____

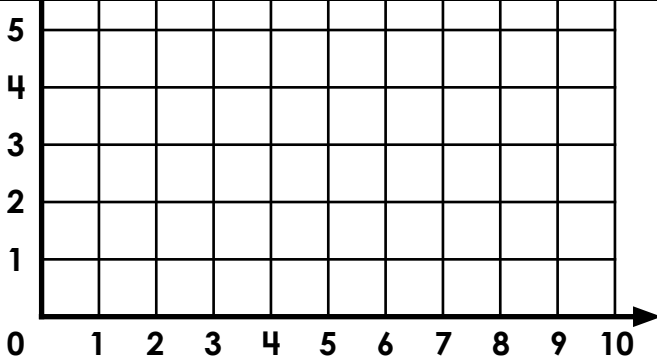
Graph the points on the coordinate plane.

Evaluate each expression.



Preview

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$4 [(45 + 20) + (7 \times 8)]$

Noah says you can find the volume of a solid figure by packing it with unit cubes with gaps.

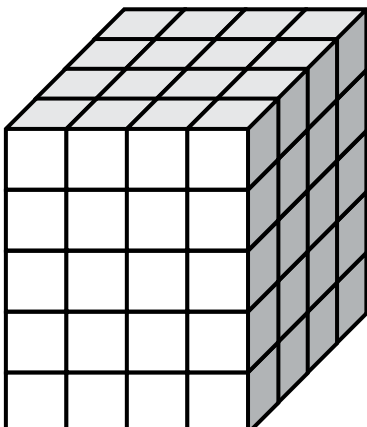
Is Noah correct? Explain.

Name: _____



Math Buzz

What is the volume of the right rectangular prism in cubic units?



Complete the table using the given rules.
Then explain the relationship between the corresponding terms.

Pattern A rule: add 5

Pattern B rule: subtract 5

Pattern A	5			
Pattern B	30			



Preview

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answer: _____

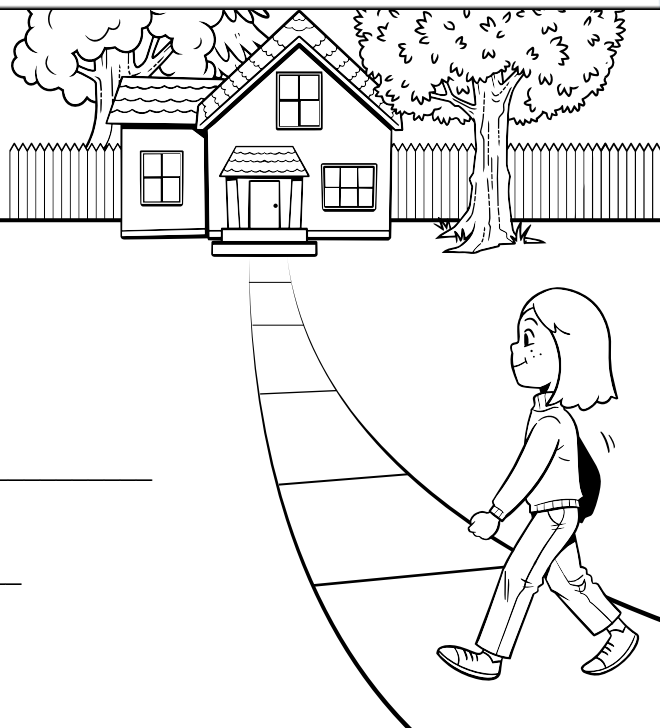
Write the words as decimals.

three tenths: _____

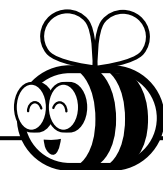
seven and five hundred thirty-two thousandths: _____

twenty-five and sixty-eight hundredths: _____

two hundred eighteen thousandths: _____



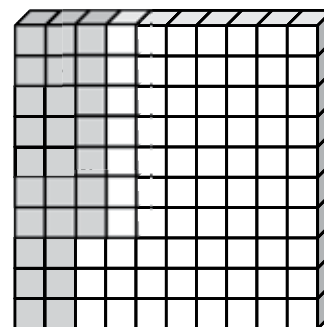
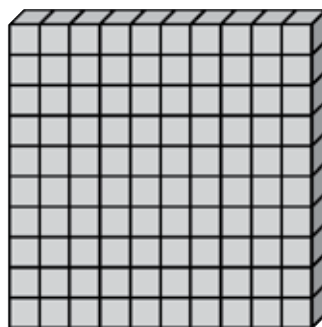
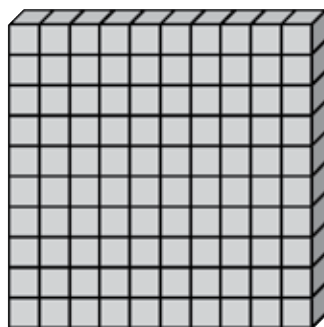
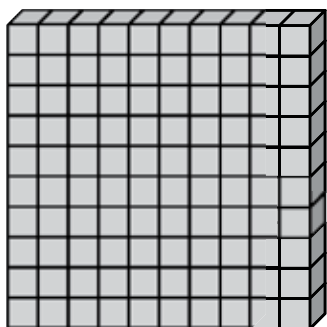
Name: _____



Math Buzz

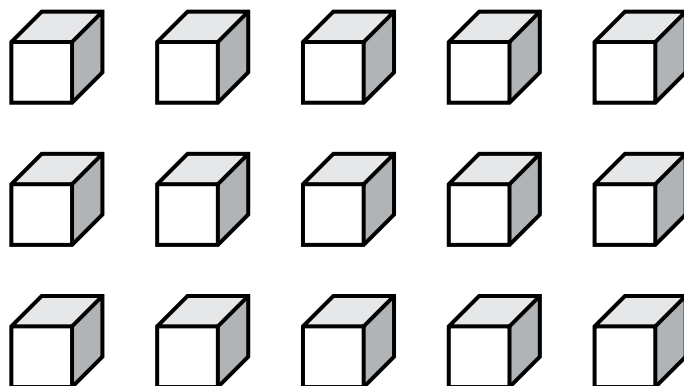
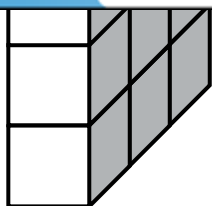
What decimal does the model represent?

The large square represents 1 whole.



Preview

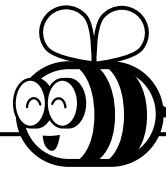
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List all the factors of 21.

List all the factors of 32.

Name: _____



Math Buzz

Select all the sentences that are true.

- ☐ a A square is always a rhombus.
- ☐ b A square is never a rhombus.
- ☐ c A trapezoid is sometimes a quadrilateral.
- ☐ d A trapezoid is always a quadrilateral.

Subtract.

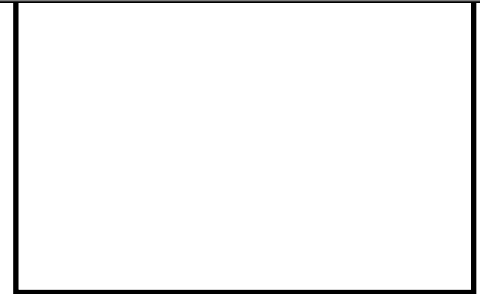
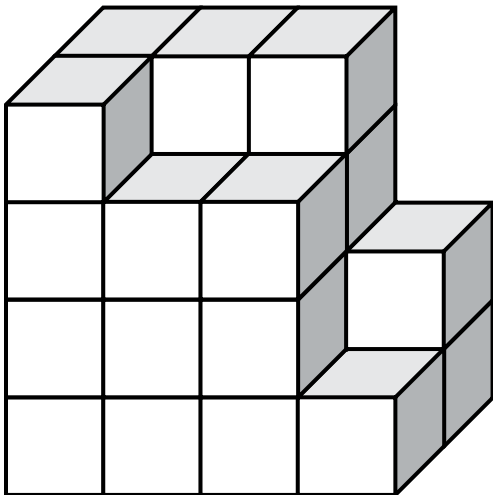
$$\frac{2}{5} - \frac{1}{10} =$$

A diagram of a rectangle with given dimensions is shown below.



Preview

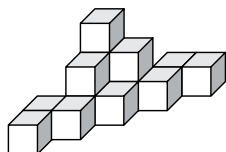
Please log in to download
the printable version of this worksheet.



What is the area, in square meters,
of the rectangle?



What is the volume of this object in cubic units?

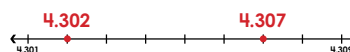


14 cubic units

Find the product.

$$\begin{array}{r} 22 \\ 77 \\ 33 \\ 578 \\ \times 394 \\ \hline 2,312 \\ 52,020 \\ + 173,400 \\ \hline 227,732 \end{array}$$

Plot 4.302 and 4.307 on the number line.



Complete the inequality with <, >, or =.

4.302 < 4.307

Pattern A	5	10	15	20
Pattern B	10	20	30	40

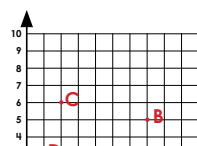
Each term in pattern B can be found by multiplying the corresponding term in pattern A by 2.

Write the decimals in expanded form.

482.25 =
 $4 \times 100 + 8 \times 10 + 2 \times 1 + 2 \times \frac{1}{10} + 5 \times \frac{1}{100}$

247.573 =
 $2 \times 100 + 4 \times 10 + 7 \times 1 + 5 \times \frac{1}{10} + 7 \times \frac{1}{100} + 3 \times \frac{1}{1,000}$

Graph the points on the coordinate plane.



Evaluate each expression.

$6 \times (7 + 2) \times 3 + 5$
 $6 \times 9 \times 3 + 5$
 $54 \times 3 + 5$
 $162 + 5 = 167$

$6 \times (64 + 8) \times (63 + 7)$
 $6 \times 8 \times 9$
 $48 \times 9 = 432$

Noah says you can find the volume of a solid figure by packing it with unit cubes with gaps.

Is Noah correct? Explain.

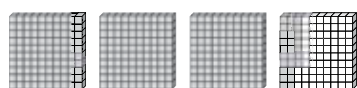
No, because a solid figure needs to be packed with unit cubes with no gaps.

Preview

Please log in to download the printable version of this worksheet.

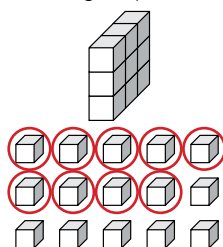
What decimal does the model represent?

The large square represents 1 whole.



3.27

Circle the unit cubes needed to make the right rectangular prism.



Add.

$\frac{3}{10} + \frac{2}{5} = \frac{7}{10}$
 $\frac{3}{10} + \frac{2 \times 2}{2 \times 5} = \frac{3}{10} + \frac{4}{10} = \frac{7}{10}$

List all the factors of 21.

1, 3, 7, 21

List all the factors of 32.

1, 2, 4, 8, 16, 32

Select all the sentences that are true.

- ☒ A square is always a rhombus.
- ☒ A trapezoid is always a quadrilateral.
- ☒ A rhombus is sometimes a square.

Subtract.

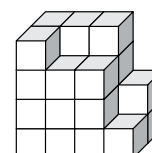
$\frac{2}{5} - \frac{1}{10} = \frac{3}{10}$
 $\frac{2}{5} - \frac{1}{10} = \frac{2 \times 2}{2 \times 5} - \frac{1}{10} = \frac{4}{10} - \frac{1}{10} = \frac{3}{10}$

What is the area, in square meters, of the rectangle?

$3\frac{3}{4} \times 2\frac{1}{2} = \frac{15}{4} \times \frac{5}{2} = \frac{75}{8} = 9\frac{3}{8}$

9 $\frac{3}{8}$ square meters

What is the volume of this object in cubic units?



25 cubic units