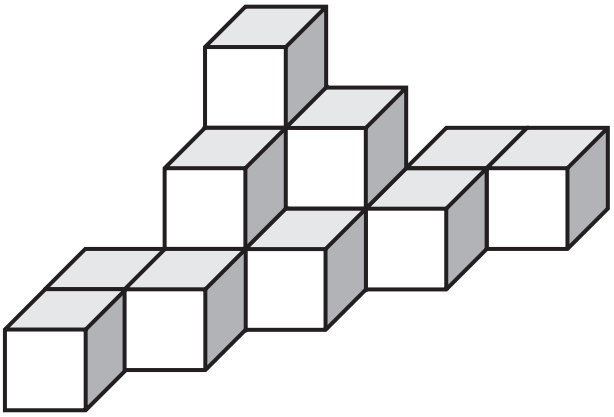
Name: _____

Daily Math Practice
F
006

Math Buzz

What is the volume of this object in cubic units?



Find the product.

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

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Complete ... quality with <, >, or =.

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: _____

Daily Math Practice
F
007

Math Buzz

Write the decimals in expanded form.

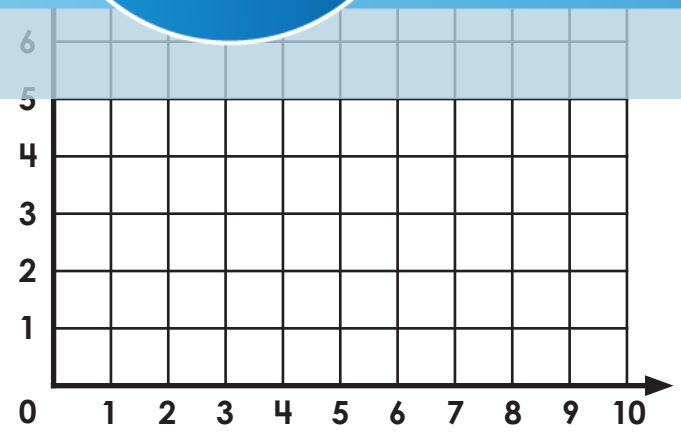
482.25 = _____

247.573 = _____

14.3 = _____

Graph the points on the coordinate plane.

Point A: (1,6) Point B: (7,5)



Evaluate each expression.

6 × (7 + 2) × 3 + 5

_____

4 [(45 + 20) + (7 × 8)]

_____

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

Is Noah correct? Explain.

_____

Name: _____

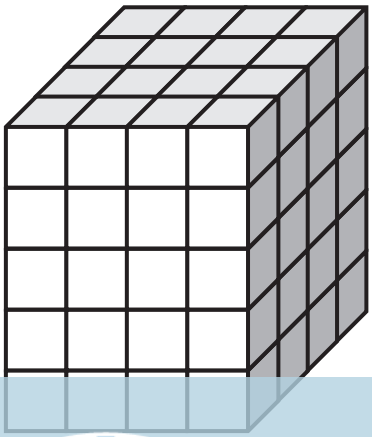
Daily Math Practice

F

008

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			

_____

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answer: _____

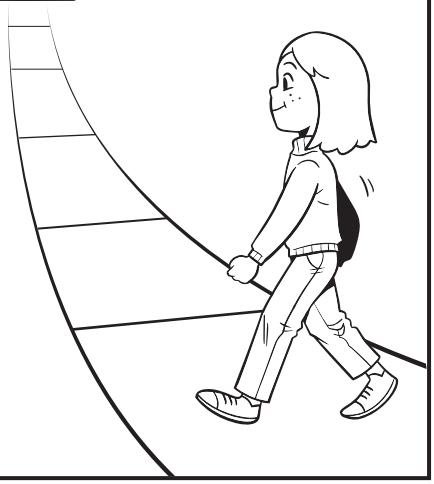
Write the words as decimals.

three tenths: _____

seven and five hundred thirty-two thousandths: _____

twenty-five and sixty-eight hundredths: _____

two hundred eighteen thousandths: _____



Name: _____

Daily Math Practice

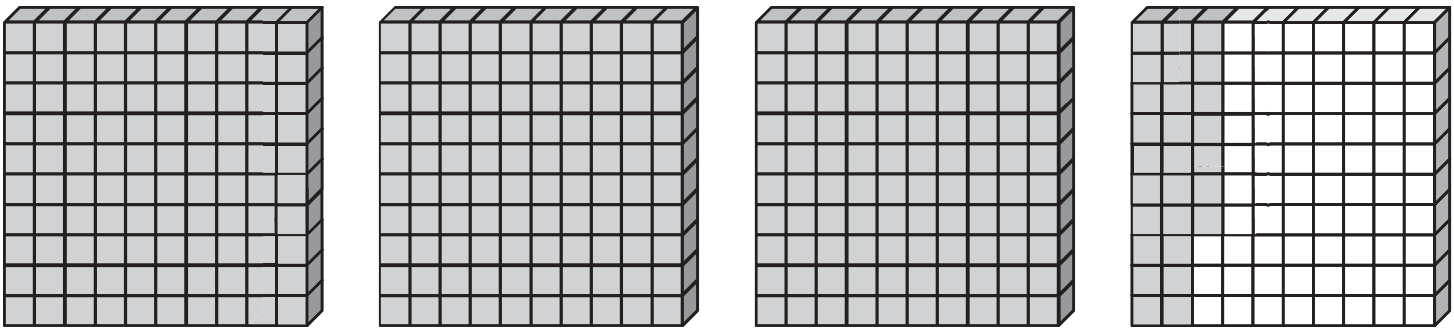
F

009

Math Buzz

What decimal does the model represent?

The large square represents 1 whole.



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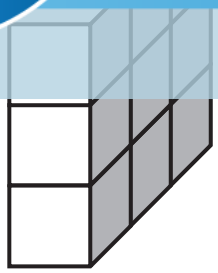
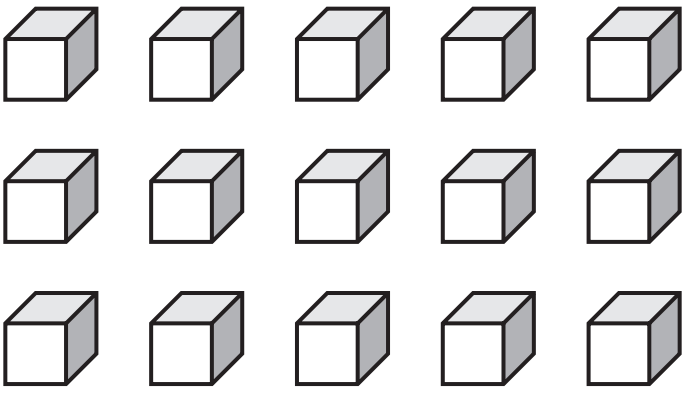




List all the factors of 21.

_____

List all the factors of 32.

_____

Name: _____

Daily Math Practice

F

010

Math Buzz

Select all the sentences that are true.

ⓐ **A square is always a rhombus.**

ⓑ **A square is never a rhombus.**

ⓒ **A trapezoid is sometimes a quadrilateral.**

ⓓ **A trapezoid is always a quadrilateral.**

Subtract.

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

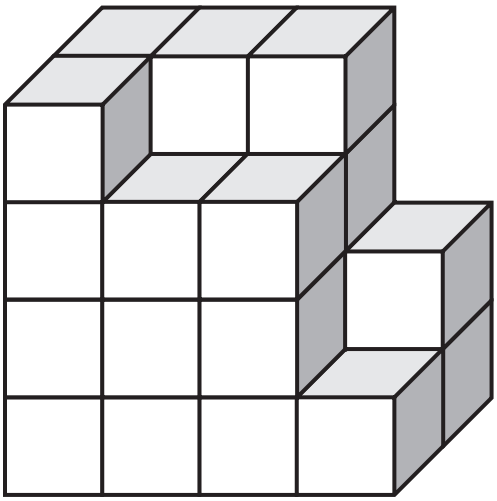
A diagram of a rectangle with given dimensions is shown below.

$2\frac{1}{2}$ m

$3\frac{3}{4}$ m

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

What is the volume of this object in cubic units?



_____

_____

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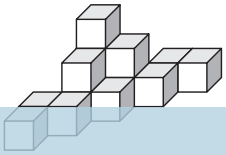
Math Buzz ANSWERS

Daily Math Practice F 006-010

What is the volume of this object in cubic units?



14 cubic units

Find the product.

22
77
33
578
× 394
2,312
52,020
+ 173,400
227,732

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 =

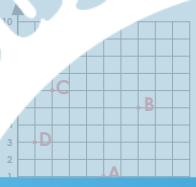
4 × 100 + 8 × 10 + 2 × 1 + 2 × $\frac{1}{10}$ + 5 × $\frac{1}{100}$

247.573 =

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

14.3 =

Graph ... on the ... plane.



6 × 9 × 3 ...
54 × 3 + 5
162 + 5 = 167

6 × (64 ÷ 8) × (63 ÷ 7)
6 × 8 × 9
48 × 9 = 432

4 [(45 + 20) + (7 × 8)]

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

... Noah correct? Explain.

... because a solid figure needs to ... packed with unit cubes with no ...

80 cubic units

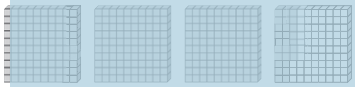
15 15 15 15

answer: $1\frac{13}{15}$ miles

... red ... thousandths: 0.218

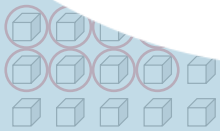
What decimal does the model represent?

The large square represents 1 whole.



3.27

... cubes needed to make ... prism.



Add.

3 . 2

... 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) A square is always a rhombus.

(d) A trapezoid is always a quadrilateral.

(f) A rhombus is sometimes a square.

Subtract.

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

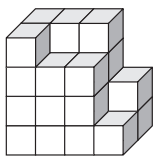
$\frac{2}{5} - \frac{1}{10} = \frac{2 \times 2}{2 \times 5} - \frac{1}{10} = \frac{4}{10} - \frac{1}{10} = \frac{3}{10}$

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

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RB