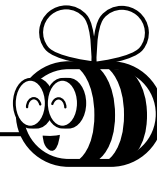
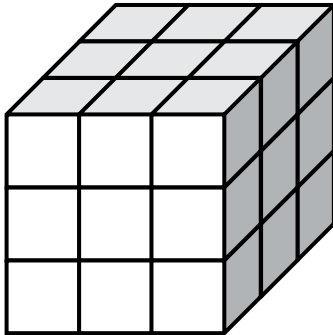


Name: _____



Math Buzz

A diagram of a right rectangular prism made up of unit cubes is shown below.



Write the numbers in standard form.

fifty-two thousandths: _____

five and eight tenths: _____

forty-nine and sixty-one hundredths: _____

twenty-two hundredths: _____

If you wanted to find the amount of

The students in Mr. Ortiz's math class measured

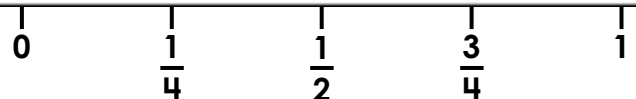


Preview

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

3 equations on the lines below.

Example: $1 + (3 \div 4) + 6 = 7.75$

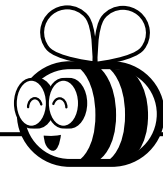


Length (inches)



What is the total length,
in inches, of all the
erasers when lined up
end to end?

Name: _____

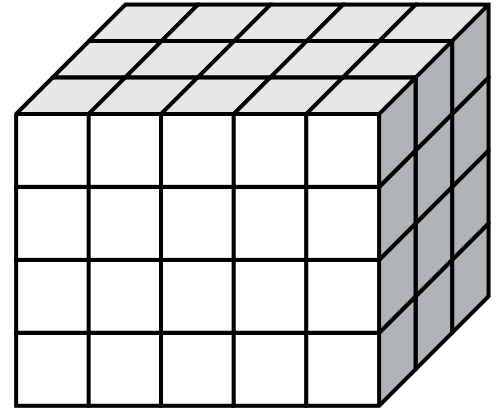


Math Buzz

Solve.

$$\frac{1}{3} + \frac{1}{2} - \frac{3}{4} =$$

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



Explain how you would find (4, 2) on a coordinate plane.



Preview

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

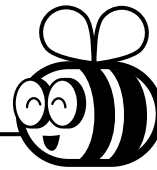


Noelle has three equally sized berry pies left over after dinner. She wants to divide each into eight equal slices to give to her eight family members to take home for leftovers.

Draw a model showing how Noelle should divide the pies into eight equal portions. What fraction of a pie will each family member get? Give an exact answer with fractions.

answer: _____

Name: _____



Math Buzz

What digit will be in the tens place after 4,712 is divided by 10? _____

What digit will be in the ones place after 6,839 is divided by 100? _____

What digit will be in the tenths place after 49,764 is divided by 100? _____

Find the product.

$$\begin{array}{r} 4,807 \\ \times \quad 58 \\ \hline \end{array}$$

Circle **yes** or **no** for each statement.

A square is always a rhombus.

yes

no

A trapezoid is never a quadrilateral.

yes

no

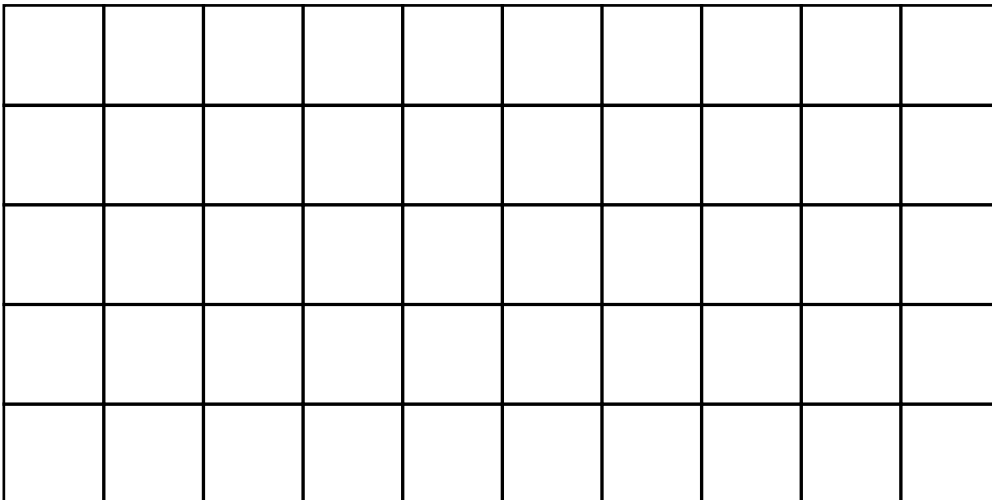


Preview

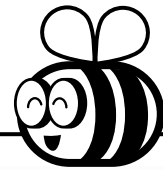
Please log in to download
the printable version of this worksheet.

10 centimeter wide.

$$\square = \frac{1}{10} \text{ centimeter}$$



Name: _____



Math Buzz

Carina has two equal-sized bags of candy.
One bag is $\frac{2}{3}$ full and the other bag is $\frac{2}{5}$ full.
She wants to combine the candy into one bag.
How much of a bag is left over after Carina
completely fills one bag? **Show your work.**



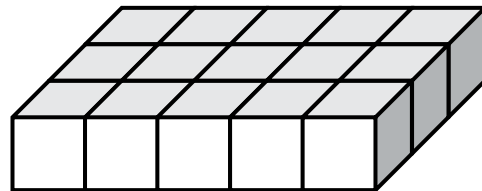
Preview

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

Select all the correct comparisons.

- (a) $0.07 > 0.7$**
- (b) $0.925 < 0.871$**
- (c) $0.45 > 0.29$**
- (d) $0.12 > 0.11$**
- (e) $0.08 > 0.09$**
- (f) $0.50 = 0.500$**

The first layer of a right rectangular prism is shown below. Each small cube has a volume of 1 cubic unit.



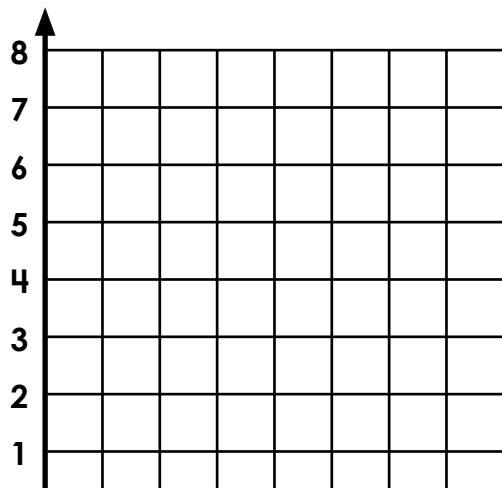
The height of the entire rectangular prism is 3 unit cubes. What is the volume, in cubic units, of the prism?

Name: _____



Math Buzz

Follow the directions using the coordinate plane.



Start at (7, 3). You move
down 1 unit and left 4 units.
Where do you end? _____

Start at (1, 5). You move
up 3 units and right 6.
Where do you end up? _____

You move right 2 units.
You end at (6, 8).
Where did you start? _____



Preview

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

6

What was Da'Mari's mistake?

What is the correct answer?

How many times greater is pattern A than
pattern B?

The number of points Mackenzie scored playing a video game
is less than 41 and is also a multiple of 8. How many points could
Mackenzie have scored? List all possible answers.

answer: _____





A diagram of a right rectangular prism made up of unit cubes is shown below.



If you wanted to find the amount of space it takes up, what would you be finding?

volume

Write the numbers in standard form.

fifty-two thousandths: **0.052**

five and eight tenths: **5.8**

forty-nine and sixty-one hundredths:

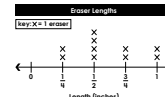
49.61

twenty-two hundredths: **0.22**

What numbers can you make with 1, 3, 4, and 6? Use all four operations and the order of operations to make 3 different numbers. Use parentheses as many times as you need. Write your 3 equations on the lines below.

Answers will vary.

The students in Mr. Ortiz's math class measured the lengths of their erasers and created the line plot below.



What is the total length, in inches, of all the erasers when lined up end to end?

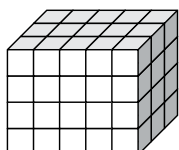
6 inches

Solve.

$$\frac{1}{3} + \frac{1}{2} - \frac{3}{4} = \frac{1}{12}$$

$$\frac{4 \times 1}{4 \times 3} + \frac{1 \times 6}{2 \times 6} - \frac{3 \times 3}{4 \times 3} = \frac{4}{12} + \frac{6}{12} - \frac{9}{12} = \frac{1}{12}$$

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



Explain how you would find (4, 2) on a coordinate plane.

Start at the origin and then go

right 4 then up 2.

Explain how you would find (1, 7) on a coordinate plane.

Draw a model showing how Noelle should divide the pies into eight equal portions. What fraction of a pie will each family member get? Give an exact answer with fractions.



Preview

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

yes
no

Show your work

$$\frac{2}{3} + \frac{2}{5} = \frac{5 \times 2}{5 \times 3} + \frac{2 \times 3}{5 \times 3} = \frac{10}{15} + \frac{6}{15} = \frac{16}{15}$$

$$\frac{16}{15} - \frac{15}{15} = \frac{1}{15}$$

answer: **$\frac{1}{15}$ of a bag**

Write an expression to match the sentences.

Add 5 and 1 and multiply the sum by 4. Next, add 7 to the product and then double the result.

Answers may vary.

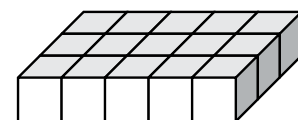
An example is: $2[7 + 4(5 + 1)]$.

Select all the correct comparisons.

(c) $0.45 > 0.29$

(d) $0.12 > 0.11$

(f) $0.50 = 0.500$



The height of the entire rectangular prism is 3 unit cubes. What is the volume, in cubic units, of the prism?

45 cubic units

Start at (7, 3). You move down 1 unit and left 4 units. Where do you end?

(3,2)

Start at (1, 5). You move up 3 units and right 6. Where do you end up?

(7,8)

You move right 2 units. You end at (6, 8). Where did you start?

(4,8)

What was Da'Mari's mistake?

Da'Mari's mistake was adding 6 + 7 first instead of dividing $42 \div 6$ first.

What is the correct answer?

$$42 \div 6 + 7 - 6$$

$$7 + 7 - 6$$

$$14 - 6$$

$$8$$

Pattern A	0	9	18	27	36
Pattern B	0	3	6	9	12

How many times greater is pattern A than pattern B?

Pattern A is 3 times greater than pattern B.

The number of points Mackenzie scored playing a video game is less than 41 and is also a multiple of 8. How many points could Mackenzie have scored? List all possible answers.

answer: **8, 16, 24, 32, 40**