

Dear Incoming 7th Grade Students and Families,

Happy Summer! I hope you have fun, relaxing summer with your family and friends. Reading is one of the best ways to keep your mind active over the summer, so I have selected a book that I hope you will enjoy. This summer I will be asking that you read *Soar* by Joan Bauer. *Soar* is an inspiring story about Jeremiah, a young boy who faces challenges with courage, determination, and hope. Throughout the novel, readers learn important lessons about leadership, perseverance, teamwork, and believing in themselves.

After completing the book, students will be asked to complete the following two assignments. Both projects will be due during the first week of school.

Assignment #1: Symbol Project – The Eagle

The eagle is an important symbol throughout *Soar*. For this project, I would like students to explain what the eagle represents and why it is significant to the story.

Students may choose one of the following options:

- Write a paragraph or short essay explaining the symbolism of the eagle.
- Create an original drawing that represents the eagle's meaning and include a written explanation.
- Design a digital poster that illustrates the symbolism of the eagle and include a written explanation.

Be sure to explain how the eagle connects to Jeremiah's journey and the overall message of the novel.

Assignment #2: How Can You Soar This Year?

As you prepare for 7th grade, take some time to think about your own goals and aspirations.

Create a reflection that answers the question:

"How can you soar this year?"

In your project, please include:

- Goals you have for 7th grade
- Challenges you may face
- Ways you would like to grow academically

Supply List for Grade 7 2026-2027

- ☐ 4 copybooks – sewn binding (no spirals)
- ☐ 1 Graphing composition copybook
- ☐ 1 pack graph paper
- ☐ 1.5 inch 3 ring binder for science with clear view front and spine
- ☐ Set of divider inserts for binder
- ☐ 2 packs of post-it notes
- ☐ 5 folders (made of plastic)
- ☐ 1 folder with holes for binder
- ☐ Scientific/graphing Calculator
- ☐ Pencil/Pen Case
- ☐ Pens – erasable blue or black and red (adequate supply)
- ☐ #2 pencils (adequate supply)
- ☐ Erasers (adequate supply)
- ☐ Highlighters (multiple colors)
- ☐ Black Sharpie (1 thin and 1 thick)
- ☐ Colored pencils and/or markers
- ☐ Scissors and Glue sticks
- ☐ Day planner (optional)
- ☐ Case to hold art supplies
- ☐ 1000 index cards (1 side lined for Religion)

Please have all materials labeled with the student's name.

Classroom supplies:

- ☐ 2 boxes tissues
- ☐ 3 paper towels rolls
- ☐ 3 Clorox wipes containers
- ☐ 2 bottle hand sanitizer
- ☐ Lined paper
- ☐ Extra box on pencils

Thank you,

Mrs. Kate Pummer

Greatest Common Factor (GCF)

Find the greatest common factor of each pair of, or group of three, numbers.

12 and 30	8 and 28
21 and 30	20 and 40
24 and 36	9 and 16
15, 45, and 60	8, 12, and 96
12, 16, and 40	11, 77, and 99

Complete each division problem. Write each quotient in simplest form.

$$\frac{4}{5} \div \frac{1}{3}$$

$$\frac{2}{3} \div \frac{1}{4}$$

$$\frac{1}{2} \div 5$$

$$\frac{1}{6} \div \frac{3}{10}$$

$$\frac{3}{5} \div 1\frac{1}{3}$$

$$8 \div \frac{4}{7}$$

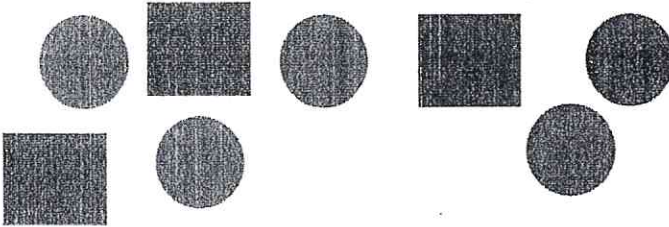
$$\frac{8}{9} \div \frac{2}{5}$$

$$\frac{2}{3} \div 2\frac{3}{5}$$

Nick eats 45 skittles every 3 minutes. How many skittles does Nick eat per minute?

Frank has 4 pairs of sneakers, 1 pair of slides, and 2 pairs of boots. What is the ratio of pairs of sneakers to total pairs of shoes?

What is the ratio of circles to squares?



Nathaniel can bake 4 cakes in 2 days. How many cakes can he bake in 8 days?

The table below shows the price per pound of gummy worms at two local stores. Which store costs the least per pound?

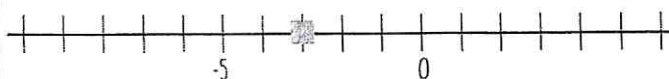
Store	Pounds	Price (\$)
A	2	5.90
B	5	15.95

Jack spent \$37.50 on 3 shirts. How much would 7 shirts cost?

Write three ratios that are equivalent to 3:5.

Stacey plants 6 bulbs for every 4 square feet of her garden. Write two real-world examples that have equivalent ratios.

What number does the yellow square represent on the number line below?



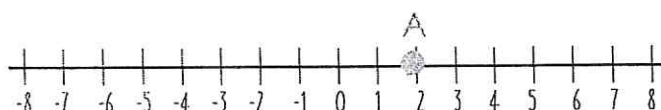
Place a circle in the position of -8 on the number line below.



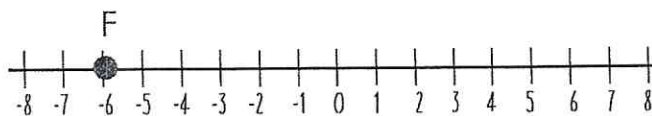
Order the following numbers from least to greatest: 12, 0, -9 , -52 , 7

Order the following numbers from least to greatest: $\frac{1}{2}$, -6 , 2, $-\frac{4}{5}$, $\frac{1}{4}$

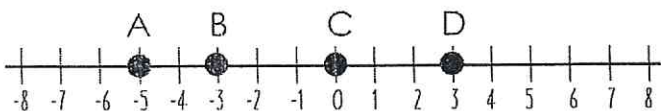
Identify the opposite of point A on the number line.



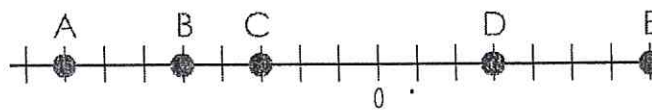
Identify the opposite of point F on the number line.



Which point represents $-(-3)$ on the number line?



Which point represents $-C$ on the number line?



Absolute Value

What is $|-1|$?

What is $|13|$?

What is $|-52|$?

Order the numbers from least to greatest:
 -8 , $|-2|$, 14, $|10|$

What is $|0|$?

Order the numbers from least to greatest:
75, $|-76|$, -70 , $|72|$

Circle the number below that has the highest absolute value.

24 -16

 -30

Write the following number in correct notation: "The absolute value of negative three."

Circle the number below that has the highest absolute value.

15 80
 65

Write an expression for "y plus 8."	Write an expression for "the difference of b and 11."	Write an expression for "p times 9."
Write an expression for "z increased by 3."	Write an expression for "the quotient of s and 5."	Write an expression for "f multiplied by 10."
Write an expression for "k decreased by 4."	Write an expression for "m divided by 2."	Write an expression for "the product of q and 7."
Write an expression to represent: "Six more than the product of three and a number, x."		Write an expression to represent: "Three less than the quotient of seven and a number, y."
Write an expression to represent: "Five times the quantity of the sum of a number, s, and twelve."		Write an expression to represent: "Eleven minus the product of four and a number, p."
Write the expression in words: $4x - 8$	Write the expression in words: $11 + \frac{6}{p}$	Write the expression in words: $3(x - 5)$

Use the order of operations to simplify each expression.

$2^2 + 3 - 3 \times 2$	$(4^2 \div 4) - 2$
$15 + (11 - 7) \div 1$	$40 + [(10^2 - 16) \div 4] - 20$
$\frac{15}{3} \cdot 4 - (16 - 6)$	$6 \cdot 3 + 2^3$
$(12 + 2) \div 7 - 1^2$	$(25 - 5^2) + 10$
$10 - 2 \times (4 - 1)$	$19 - \left(12 + \frac{18}{9}\right) \cdot 0$

Order of Operations

G/P	Grouping/Parentheses	[] or ()
E	Exponents	a^b
MD	Multiplication and Division – completed from right to left	$\times, \div$ or $\frac{a}{b}$
AS	Addition and Subtraction – completed from right to left	$+$ or $-$

Distribute

$3(4x + 5)$	$\frac{1}{8}(8y - 16)$
$2(2x - 9)$	$\frac{2}{5}(y - 1)$
$6(4 - 3y)$	$6\left(\frac{1}{3}x - 2y + 2\right)$

Factor

$24 - 72y$	$40x + 12$
$3a + 15b - 33c$	$11d + 55e - 22$
$16 + 48x$	$50y + 70x - 90$

$$4x = 24$$

$$y - 8 = 13$$

$$x + 3 = 7$$

$$-y = 8$$

$$6 + x = 11$$

$$10x = 50$$

Write an equation to represent the following statement: The difference between 55 and y is 41.

$$y = \underline{\hspace{2cm}}$$

Write an equation to represent the following statement: p divided by 5 is 20.

$$p = \underline{\hspace{2cm}}$$

Write an equation to represent the following statement: r is 6 times as large as 4.

$$r = \underline{\hspace{2cm}}$$

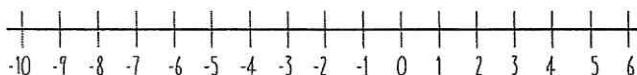
Write an equation to represent the following statement: The sum of x and 19 is 34.

$$x = \underline{\hspace{2cm}}$$

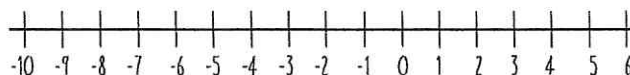
If $13 > x$ and $x > 8$, what are all the possible values of x ?

If $y \leq 40$ and $32 \leq y$, what are all the possible values of y ?

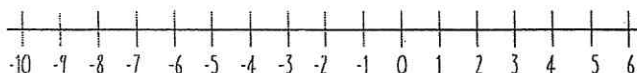
Graph $t > -10$:



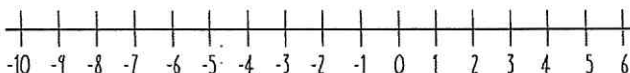
Graph $z \leq 6$:



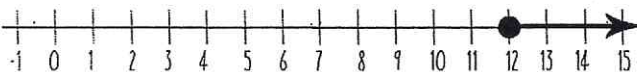
Graph $x < -4$:



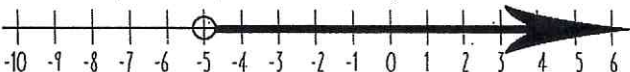
Graph $p \geq 3$:



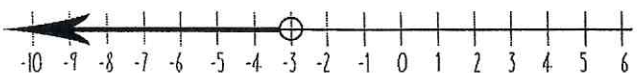
Write the inequality that matches the graph:



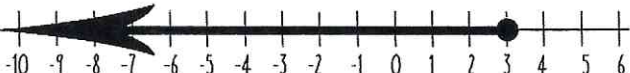
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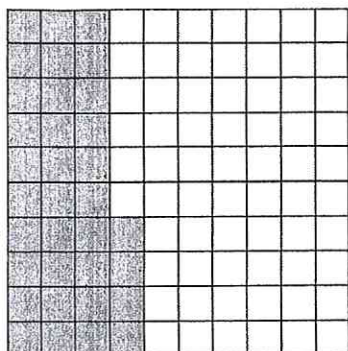
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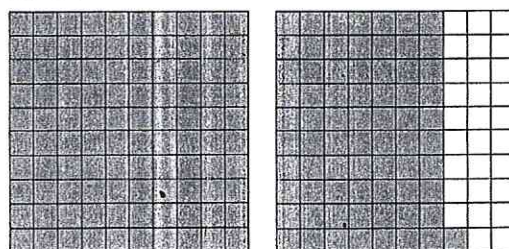
Inequality Word Problem

Kendi wants to earn more than \$75 mowing lawns this week. The variable d represents the number of dollars in their bank account next Monday. Write an inequality in terms of d that will represent this situation.

What percent of the model below is shaded?



What percent of the model below is shaded?



What is 62% of 40?

75 is 30% of what number?

72 is what percent of 120?

What is 20% of 30?

16 is 50% of what number?

111 is what percent of 300?

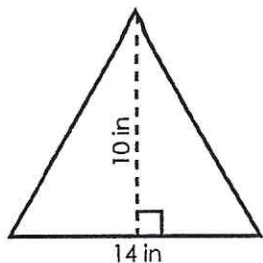
21 is what percent of 35?

What is 65% of 90?

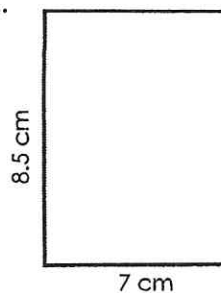
The 7th grade class is comprised of 42 Black students, 21 white students, 18 Asian students, and 9 multiracial students. What percent of students are multiracial?

An estimated 40% of pets at a local shelter were adopted. If there were 85 pets at the beginning of the week, how many were adopted this week?

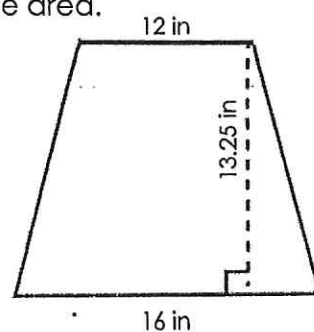
Find the area.



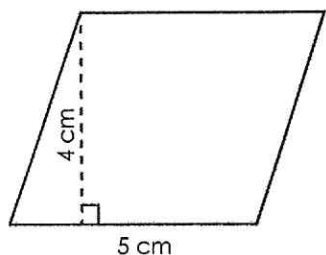
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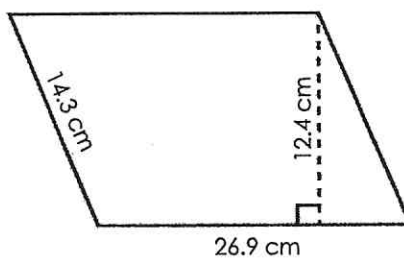
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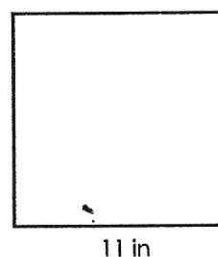
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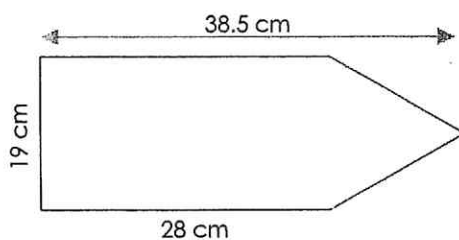
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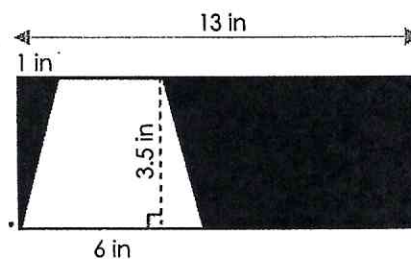
Find the area.



Find the area of the composite figure.



Find the area of the shaded region.

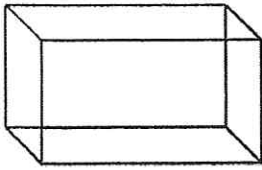


A square yard has a 40 foot side. How many square feet of grass seed is needed to plant grass in the yard?

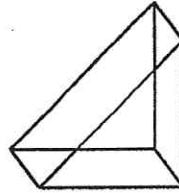
The playground at LaNesha's school is shaped like a trapezoid. The base lengths are 24 and 45 feet, and the height is 30 feet. What is the area of the playground?

Identify Parts of Prisms

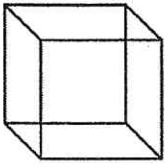
Name the solid. How many faces does it have?



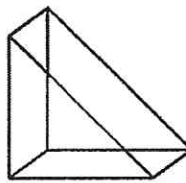
Name the solid. How many edges does it have?



Name the solid. How many vertices does it have?



Name the solid. How many faces does it have?



Calculate the Volume

