

Dear incoming 8th graders and 8th-grade families!

Congratulations on finishing another year of Middle School English! Take a much-needed rest and enjoy your summer! To prepare for the upcoming academic year, you are required to complete the following summer reading assignment:

- 1) Complete eight (8) i-Ready lessons by August 1
- 2) Read the novel, *The Giver*, by Lois Lowry. [The Giver.pdf - Google Drive](#)
(You may also find a physical copy at your local library!)
- 3) You will create a 1-pager project, similar to the *All About Me* one-pager project we had completed at the beginning of the year, to demonstrate your understanding and comprehension of the novel. *The Outline and Instructions for this project will be on the next page. *This must be completed and brought into class by September 9 to receive credit. Projects will be presented in class. .*

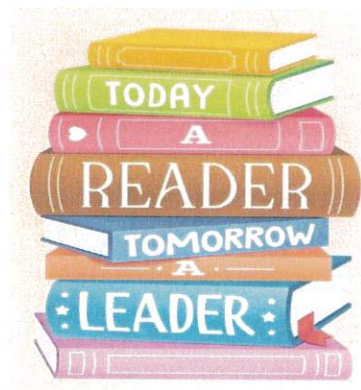
Please make sure that you complete ALL of the requirements below before returning to school to ensure that you are practicing your comprehension and writing skills while off from school.

Please note that students will also be given a quiz on the book, *The Giver*, the first full week we return to school. I am looking forward to another exciting year of ELA as we open this next chapter! Have a great summer!

Sincerely,

Your 8th-grade ELA Teacher.

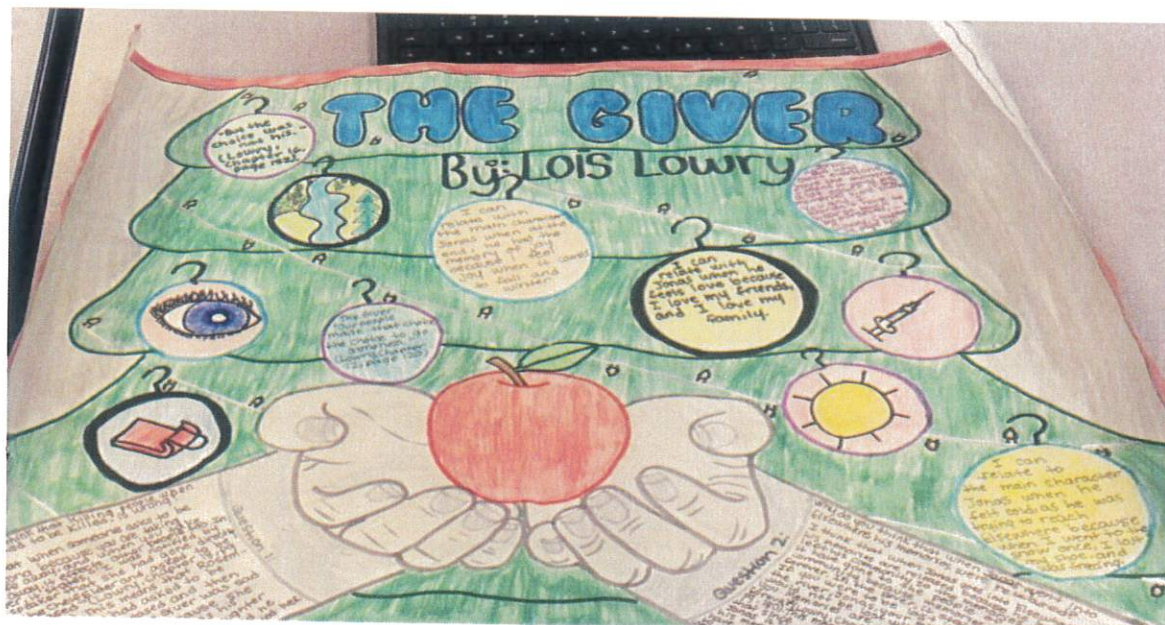
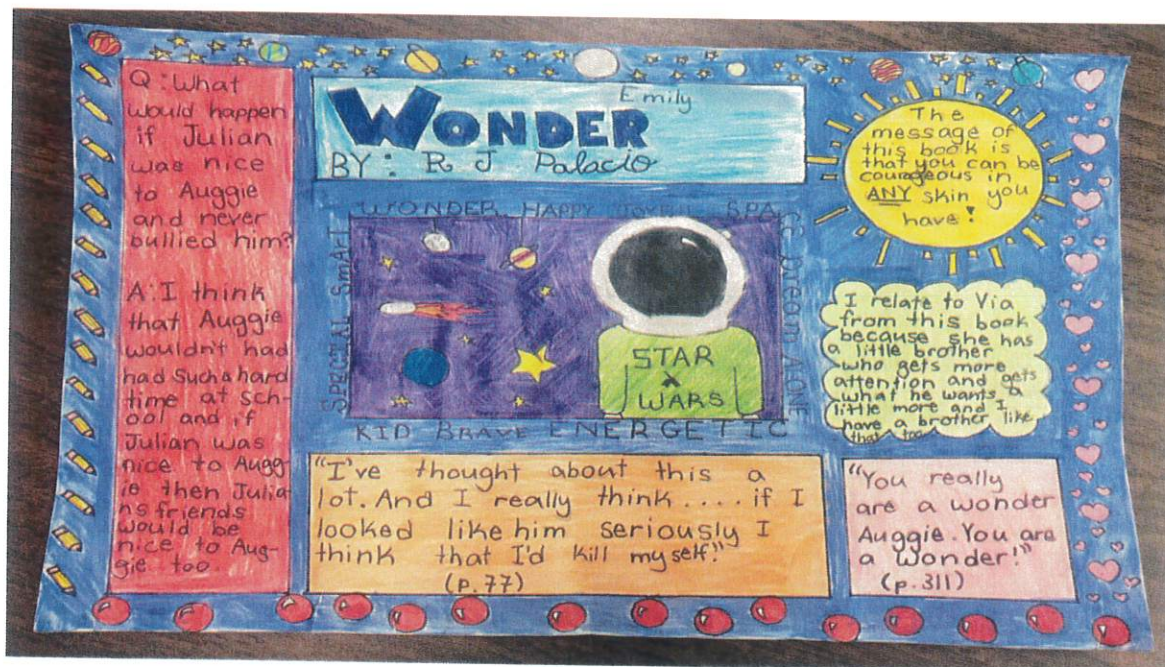
Our Lady of Guadalupe Catholic School



The Giver One-Pager Assignment

Directions: A One-Pager is a single-page response where you show your understanding of a book by combining **both visual art and written information** on a single sheet of paper. Using a poster-size piece of paper (Dollar Tree is a great option!), you will demonstrate your understanding of the novel by summarizing the story through this one-pager project!

As a reminder, a one-pager project should take up the entire page (**no blank space**), use images/pictures, and be organized in a meaningful way! Here is an example below:



Information Needed:

- 1) Include the Title and Author of the novel
- 2) Characters: List at least **3 main characters** with a 2-3 sentence description talking about their appearance (looks) and personality traits (adjectives that describe them). Include a meaningful quote from each character.
- 3) Symbols: Draw **two** physical objects that represent big ideas/emotions in the book (such as the sled, the apple, the pale eyes, or the injection needle). Write a two-sentence explanation next to each drawing explaining what it symbolizes.
- 4) Theme: Describe a lesson that YOU learned from the story, and explain why it is important, and provide an example from the story about HOW this lesson was shown.
 - What do you think the author is trying to teach us about humanity? (Think of love, loss, emptiness, fulfillment, etc.)
- 5) Quotes: Find **three (3)** powerful quotes from the book that represent major turning points for Jonas. Write them neatly on the page with the chapter number.
- 6) Journal Entry: (in 5-8 sentences) Write a short "letter" to Jonas reflecting on his decision at the end of the story. Do you think he did the right thing? (Think of Gabriel, his family, and the community?) Why or why not?

Creativity/Mechanics:

- 1) Create a decorative border around the page. One half of the border must represent the "Sameness" of Jonas's community (monochrome, orderly, restricted). The other half must represent the "Elsewhere" or the memories (vibrant, colorful, chaotic).
- 2) Make sure to include purposeful drawings, pictures, and illustrations that are related to the story.
- 3) Use complete sentences for the writing components and ensure you are spelling and punctuating correctly.

¡Estimados alumnos de octavo grado y familias de octavo grado!

¡Felicitaciones por terminar otro año en la escuela intermedia! ¡Descansen lo necesario y disfruten del verano!

Para prepararse para el próximo año académico, deben completar la siguiente tarea de lectura de verano

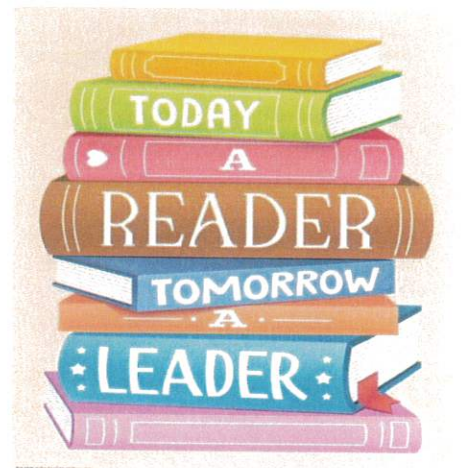
- 1) Completa y aprueba ocho (8) lecciones de i-Ready antes del **1 de agosto**.
- 2) Lee la novela, «*El dador*» por Lois Lowry. [El Dador.pdf - Google Drive](#)
(¡También pueden encontrar una copia física en su biblioteca local!)
- 3) Crearás un proyecto de una página, similar al “*Todo sobre mí*” proyecto de una página que completamos a principios del año para demostrar su comprensión de la novela. El esquema y las instrucciones para este proyecto se encuentran en la página siguiente. ****Deberán completarlo y traerlo a clase para el 9 de septiembre a fin de obtener crédito, ya que los presentaremos en el aula.***

Por favor, asegúrate de completar TODAS las tareas antes de regresar a la escuela para garantizar que practiques tus habilidades de comprensión y escritura durante el tiempo que estés fuera de clase. ¡Las tareas mencionadas contarán para la calificación!

Por favor, tengan en cuenta que los estudiantes también realizarán una prueba sobre el libro, «*El dador*», la primera semana completa de clases. ¡Espero con ansias otro año emocionante de Lengua y Literatura al comenzar este nuevo capítulo! ¡Que tengan un excelente verano!

Atentamente,

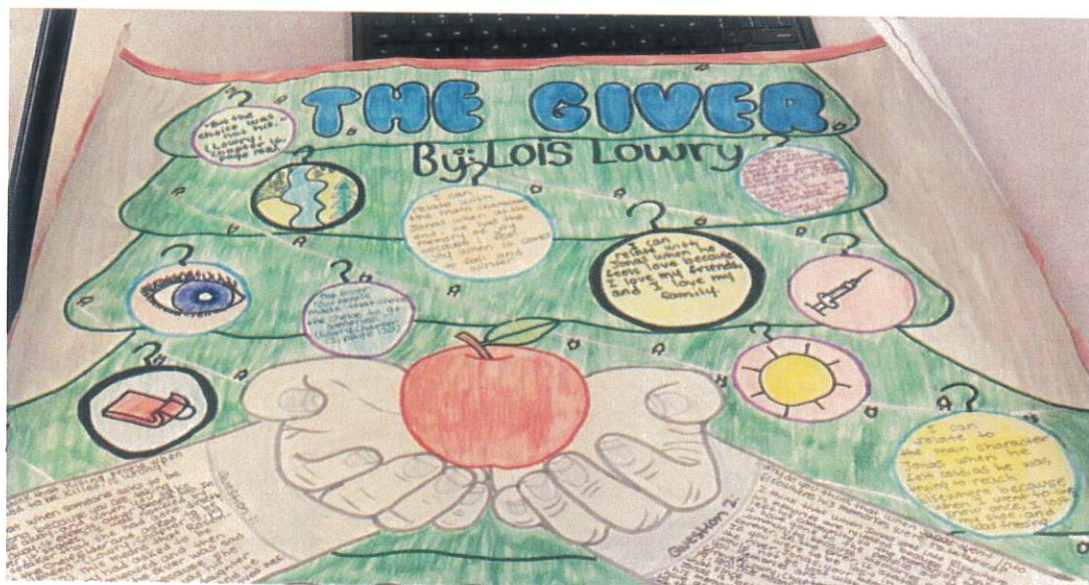
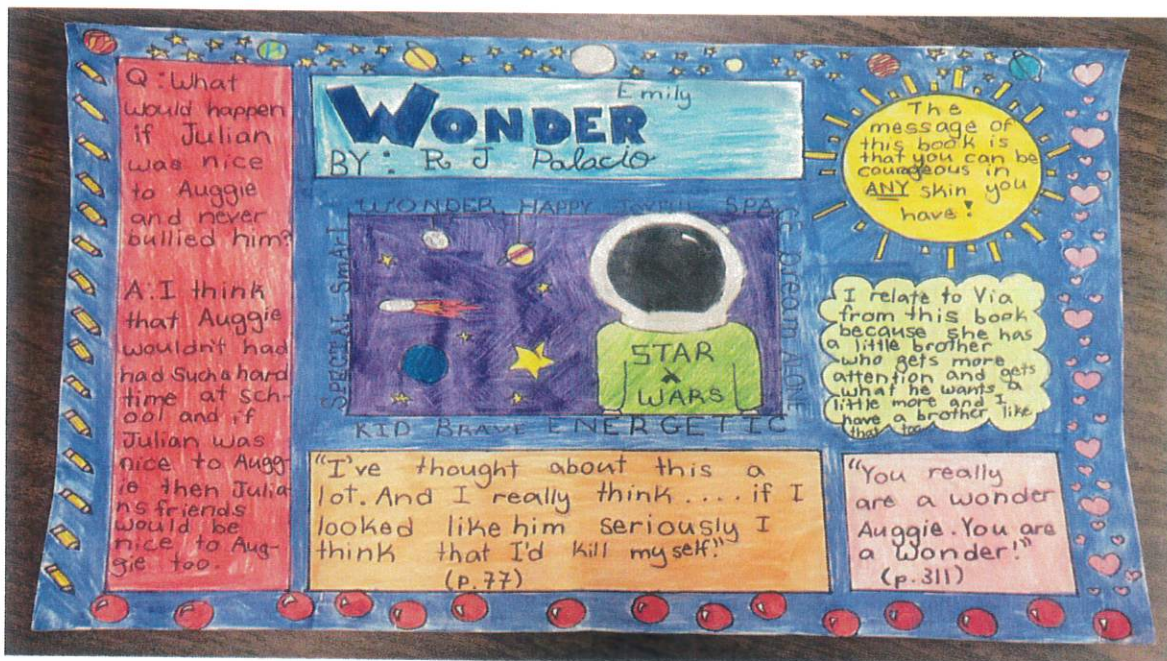
Tu profesor/a de Lengua y Literatura de 8.º grado
Escuela Católica Nuestra Señora de Guadalupe



«El dador»: Tarea de una página

Instrucciones: Una respuesta de una página es donde demuestras tu comprensión de un libro combinando tanto **las artes visuales como la información escrita** en una sola hoja de papel. Usando una hoja de papel tamaño póster (¡Dollar Tree es una excelente opción!), demostrarás tu comprensión de la novela resumiendo la historia a través de este proyecto de una página.

Como recordatorio, un proyecto de una página debe ocupar toda la página (**sin espacio en blanco**), ¡utiliza imágenes/fotografías y organízalas de forma lógica! Aquí tienes un ejemplo:



Información necesaria:

- 1) Incluir el título y autor de la novela
- 2) Personajes: Describe al menos a **5 personajes principales**. Para cada uno, escribe de 2 a 3 frases que detallen tanto su aspecto físico como sus rasgos de personalidad. Incluye una cita significativa de cada personaje.
- 3) Símbolos: Dibuje **dos** objetos físicos que representen ideas o emociones importantes del libro (como el trineo, la manzana, los ojos pálidos o la aguja de inyección). Escribe una explicación de dos frases junto a cada dibujo, indicando su simbolismo.
- 4) Tema: Describe una lección que TÚ aprendiste de la historia, explica por qué es importante y proporciona un ejemplo de la historia sobre CÓMO se demostró esta lección.
 - ¿Qué crees que el autor intenta enseñarnos sobre la humanidad? (Piensa en el amor, la pérdida, el vacío, la plenitud, etc.)
- 5) Citas: Encuentre **tres (3)** frases impactantes del libro que representen momentos clave en la vida de Jonas. Escríbelas con letra clara en la página donde se encuentra el número del capítulo.
- 6) Entrada del diario: (En 5-8 oraciones) Escribe una breve "carta" a Jonas reflexionando sobre su decisión al final de la historia. ¿Crees que hizo lo correcto? (Piensa en Gabriel, su familia y la comunidad). ¿Por qué sí o por qué no?

Creatividad/Mecánica:

- 1) Crea un borde decorativo alrededor de la página. Una mitad del borde debe representar la "uniformidad" de la comunidad de Jonas (monocromática, ordenada, restrictiva). La otra mitad debe representar el "otro lugar" o los recuerdos (vibrantes, coloridos, caóticos).
- 2) Asegúrate de incluir dibujos, imágenes e ilustraciones con un propósito específico que estén relacionados con la historia.
- 3) Utilice oraciones completas en los textos y asegúrese de que la ortografía y la puntuación sean correctas.

Dear Rising 8th Grade Students and Families,

Congratulations on completing 7th grade! I am so proud of all your hard work and growth this year. As you move up into 8th grade, I am excited to welcome you to your last year of middle school. To help you stay sharp and start the year strong, there are a couple of summer expectations for math:

1. Complete the Math review packet, which can be found online under “**Summer Assignments**”. This packet is designed to reinforce key concepts learned in 7th grade and prepare you for the material we’ll cover in 8th grade. The completed packet will be **collected and graded on the first day of school**, so be sure to take your time and do your best.
2. In addition to the packet, students must complete **six (6) i-Ready math lessons** by **August 1st**. These lessons will help keep your skills fresh and support your continued learning. Make sure to pace yourself and avoid leaving them all until the last minute!

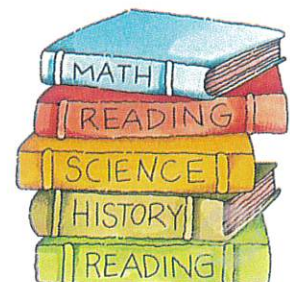
These assignments will be graded as the first assignment of the new school year. Please encourage your child to work steadily throughout the summer. This preparation will make a big difference in ensuring a confident and successful start to the school year.

Have a safe, restful, and fun summer. I look forward to seeing you in September, ready to take on 8th grade with energy and enthusiasm!

Warm regards,

Your 8th Grade Math Teacher

Our Lady of Guadalupe Catholic School



Estimados estudiantes y familias que ingresan a 8.º grado:

¡Felicitaciones por completar el 7.º grado! Estoy muy orgulloso de todo su esfuerzo y crecimiento este año. Al pasar a 8.º grado, me complace darles la bienvenida a su último año de secundaria.

Para ayudarlos a mantenerse en forma y comenzar el año con fuerza, tenemos un par de expectativas para el verano en matemáticas:

1. Complete el paquete de repaso de matemáticas al que se puede acceder en línea en la sección «**Summer Assignments**». Este paquete está diseñado para reforzar los conceptos importantes aprendidos en 7.º grado y prepararlos para el material que cubriremos en 8.º grado. El paquete completo se recogerá y calificará el primer día de clases, así que asegúrese de tomarse su tiempo y esforzarse al máximo.
2. Además del paquete, los estudiantes deben completar seis (6) lecciones de matemáticas de i-Ready **antes del 1 de agosto**. Estas lecciones les ayudarán a mantener sus habilidades actualizadas y a apoyar su aprendizaje continuo. ¡Asegúrense de ir a su propio ritmo y no dejarlas todas para el último momento!

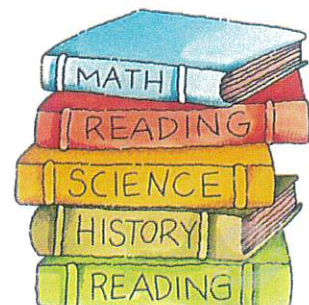
Estas tareas se calificarán como la primera tarea del nuevo año escolar. Por favor, anime a su hijo/a a trabajar con constancia durante el verano. Esta preparación marcará una gran diferencia para asegurar un comienzo de año escolar seguro y exitoso.

¡Que tengan un verano seguro, tranquilo y divertido! ¡Espero verlos en septiembre, listos para comenzar el 8.º grado con energía y entusiasmo!

Atentamente,

Su profesor/a de matemáticas de 8.º grado

Escuela Católica Nuestra Señora de Guadalupe



Decimal Operations

1. $9.372 + 3.029$

2. $11.322 - 3.825$

3. $18.23 - 5.409 + 2.55$

4. $2.35 * 7.11$

5. $1.023 * 3.5$

6. $23.25 \div 0.7$

7. $0.54723 \div 2$

8. $8.752 \div 0.12$

For #9-12 simplify the fraction by finding common factors & eliminating them.

9. $\frac{4}{10}$

10. $\frac{24}{40}$

11. $\frac{81}{27}$

12. $\frac{9}{21}$

For #13-16, simplify each answer as much as possible by cross cancelling factors.

13. $\frac{4}{5} * \frac{10}{18}$

14. $\frac{8}{9} * \frac{3}{4} * \frac{10}{6} * \frac{12}{15}$

15. $\frac{27}{38} \div \frac{3}{7}$

16. $\frac{35}{38} \div \frac{5}{19}$

Order of Operations

Simplify each expression using PEMDAS!

1) $2 * 6 \div 4 + 7 - 8 * 3 + 77 \div 11$

4) $13 + 2x - 5 - 8x + 7 * (4x + 1)$

2) $72 \div 12 + 2^2 - 5 * 2 + 3 + 2 * (6 - 5)$

5) $-5x - 8 + (8 \div 2) + 7 * 6$

3) $7 * (12 - 5) + 9 \div (-3) + 7 * (-2)$

6) $3x - 6 + 4 * 8 - 3x + 2y - 90 \div 5$

Absolute Values & Negative Integer Operations

Simplify each statement as much as possible.

1. $|-4|$

2. $-|-5|$

3. $(-3)^2$

4. -5^3

5. $-4 * 5$

6. $-7 + 3$

7. $-8 * -7$

8. $-28 \div -7$

9. $-42 + 27$

10. $-22 - (-8)$

11. $\frac{-42}{7}$

12. $37 - 83$

13. $-42 \div 2 + (7 * 3) + 8 - (-5) - 4 * 2$

14. $|-2| + 8^2 - (-3)^2 + 7 * 2 - 22 \div 2$

15. $|-4^3| - 8 * 7 + (-(-(-2)) + (-\frac{48}{6}) + (-3) * (-2)$

Operations with Fractions

Reduce answers as much possible by finding common factors.

#1. $\frac{2}{5} + \frac{3}{7}$

#2. $\frac{4}{28} - \frac{7}{9}$

#3. $3\frac{1}{3} + 4\frac{7}{8}$

#4. $-\frac{7}{25} - \frac{8}{15}$

#5. $\frac{2}{25} * \frac{15}{22}$

#6. $\frac{27}{31} * -\frac{62}{81}$

#7. $-\frac{10}{21} * -\frac{49}{35}$

#8. $4\frac{1}{3} * 5\frac{2}{5}$

#9. $-\frac{42}{55} \div \frac{28}{11}$

#10. $\frac{25}{28} \div \frac{15}{32}$

#11. $-\frac{8}{5} \div \frac{6}{35}$

#12. $\frac{125}{128} \div \frac{65}{72}$

13. You have $8\frac{4}{5}$ total cups of lemonade, and you want to share it with your friends. Each friend gets

$\frac{1}{10}$ of a cup to drink.

How many friends do you have?

14. You have $10\frac{2}{7}$ ounces of candle wax to make an army of tiny, beautiful-smelling candles. You are able to make a total of 12 candles from the wax. How much wax is in each candle? (Hint: write an equation first.)

Exponents & Expressions

For #1-4, rewrite as multiplication problems, then solve.

#1. $(-5)^4$

#2. $\left(\frac{1}{2}\right)^3$

#3. -4^2

#4. $\left(-\frac{2}{3}\right)^3$

For #5-7, rewrite as exponents, and solve.

#5. $2 * 2 * 2$

#6. $\left(\frac{1}{4} * \frac{1}{4}\right)$

#7. $-1 * -1 * -1 * -1 * -1 * -1 * -1$

Simplify the expression by combining terms.

#8. $-2(x - 3) + 4x$

#9. $4x - 1(6 + 2x)$

#10. $4x - 3 + 6z + 7 - 10x$

#11. $(6a + 3x) - (4a - 7x)$

#12. $(-4y - 8x) + (7y + 10x)$

#13. $(5x - 2a) - (-4x + 7a)$

#14. $(15x - 3y) + (-12x - y)$

Find the greatest common factor of the following terms.

#15. 84, 128

#16. $147x$, $105x^2$

#17. 216, 288, 72

Solving Equations

Solve each equation for the variable.

#1. $2x + 6 = 8$

#2. $-4(x - 2) = 16$

#3. $\frac{x+7}{3} = 12$

#4. $\frac{5x-3}{2} = 11$

#5. $-3x - 7 = x + 9$

#6. $4(2x + 6) = 16x + 8$

#7. $2(x - 4) = 22$

#8. $-5x = 35$

#9. $\frac{x}{4} + 3 = 7$

#10. $-\frac{2x}{5} = 10$

#11. $-\frac{x-5}{2} = 11$

#12. $\frac{2x+1}{2} = 3x$

Factor out any common factors from each expression.

#13. $81x + 27$

#14. $3x - 9$

#15. $-48 - 64x$

Inequalities

For #1-2, write a sentence that represents the inequality.

#1. $x < 7$

#2. $x \geq -4$

For #3-4, tell if the given number makes the inequality TRUE or FALSE.

#3. $2x < 10$, value = -3

#4. $\frac{x+7}{6} \geq -5$, value = 5

Solve the inequalities, showing each step. Then graph the solutions.

#5. $x + 7 \leq -2$

#6. $\frac{3}{5}x > 9$

#7. $7 - 2x \geq 5$

#8. $-x - 8 < 3$

#9. $-\frac{5}{6}x \geq 15$

#10. $2x - 5 > 3x + 6$

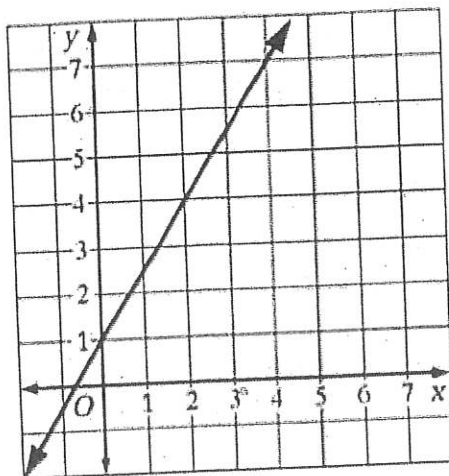
#11. $3x - 8 < 3x + 7$

#12. $3x + 7 > 4$

#13. $-2x + 7 < 9x - 2$

Coordinate Plane & Unit Rates

For #1-3, use the graph given to answer the questions.



#1. When $x = -2$, what is Y?

#2. When $y = 4$, what is X?

#3. When $x = 4$, what is Y?

For #4-6, use the equation $y = -3x + 2$ to find the value of y at the given x values.

#4. $x = 3$

#5. $x = -\frac{5}{3}$

#6. $x = 0$

#7. $x = -4$

For #7-10, write the ratio as a fraction in its simplest form (reduce!).

#8. 56 to 77

#9. 144 to 84

#10. 15 to 45

#11. 36 : 108

Find the unit rate [by making the denominator 1].

#12. $\frac{28 \text{ megabytes}}{5 \text{ seconds}}$

#13. $\frac{45 \text{ cups of coffee}}{4 \text{ days}}$

#14. $\frac{28 \text{ detentions}}{9 \text{ days}}$

Proportions & Slope

For #1-3, tell if the statements are proportional. Show your work.

1. $\frac{3}{7} = \frac{81}{189}$

2. $\frac{22}{8} = \frac{152}{56}$

3. $\frac{5}{6} = \frac{70}{82}$

For #4-6, write a proportion for the situation, and then solve.

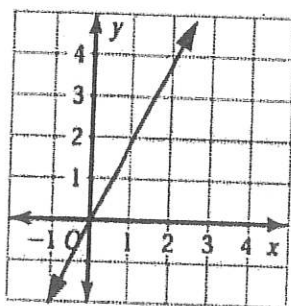
4. A test is worth 36 total points and you want to get an 87% on it. How many points do you need to score?

5. You pay \$4 for 7 pounds of chocolate frogs. How much would you pay for 11 pounds of chocolate frogs?

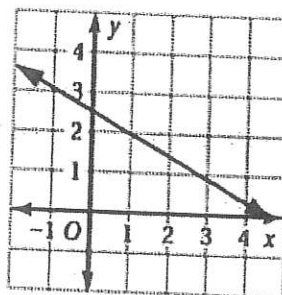
6. The ratio of chocolate to vanilla ice cream is 3 scoops to 7 scoops. If there are 147 scoops of vanilla ice cream, how many total scoops are there?

For #7-8, find the slopes of the graphs provided.

7.



8.



For #9-11, use the points given to find the slope between them. (Answers might be fractions!)

9. $(-3, 4)$ and $(-1, -2)$

10. $(7, 9)$ and $(2, -1)$

11. $(-21, 9)$ and $(19, -4)$

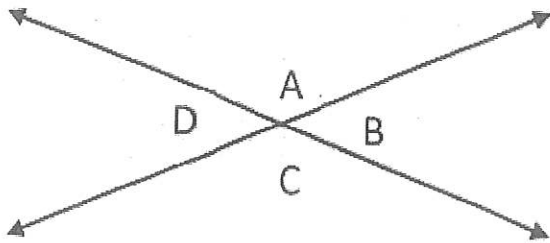
Decimals, Fractions, Percents

1. Write 0.42 as a fraction.
2. Write $\frac{7}{35}$ as a decimal.
3. Write 74% as a fraction.
4. Write 0.5732 as a percent.
5. Write $\frac{3}{11}$ as a percent.
6. Write $\frac{6}{25}$ as a percent.

For #7-12, turn the sentences into equations, and solve.

7. What number is 37% of 7?
8. 22% of 45 is what number?
9. 7 is 37% of what number?
10. What is 212% of 3?
11. 0.15% of 3,034 is what number?
12. 6 is 8% of what number?
13. A company makes a table for \$15 and sells it for \$19. What is the percentage of markup?

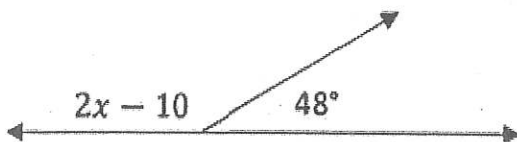
ANGLES



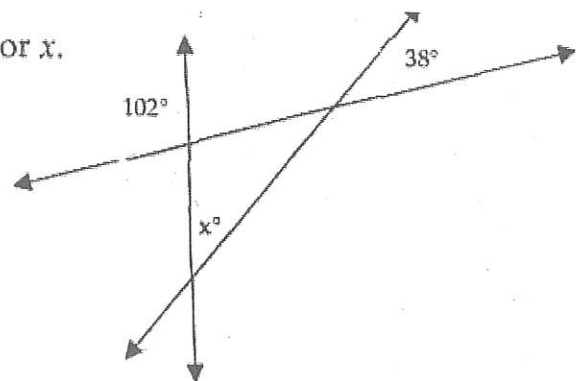
1. List the pairs of adjacent angles.
2. List the pairs of vertical (opposite) angles.

3. Angle Z and Angle X on intersecting lines are vertical angles. If Angle Z is 63° , what is Angle X?
4. Angle K and Angle J on intersecting lines are adjacent angles. If Angle K is 105° , what is angle J?
5. The total sum of complementary angles is _____.
6. The total sum of supplementary angles is _____.
7. Angle B and Angle C are complementary. If Angle B is 43° , what is Angle C?

8. Solve for x .



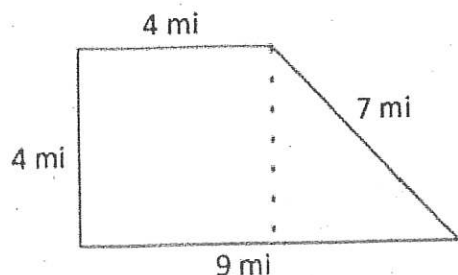
9. Solve for x .



Area, Perimeter, and Circumference

1. A circle has a radius of 3 inches. A) What is the diameter? B) What is the area of the circle?
C) What is the circumference of the circle?

2. A circle has a diameter of 8 meters. A) What is the radius? B) What is the area of the circle?
C) What is the circumference of the circle?



3. What is the perimeter of the figure to the right?

4. What is the area of the figure to the right?

5. What is the area of a parallelogram with a base of 9 inches and a height of 7.62 centimeters?

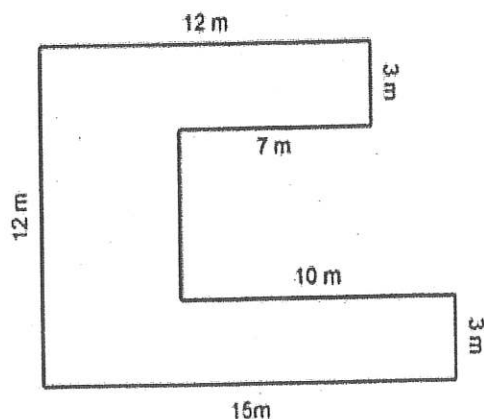
6. The area of a rectangle is 58 in^2 . The base is 8 inches long. What is the height?

7. A circle has a circumference of 14π inches. What is the diameter of the circle?

8. A triangle has an area of 160 mi^2 , and a base of 20 miles. What is the height?

9. What is the area of a triangle that has a base of 8 meters and a height of 7 meters?

10. A circle has an area of $49\pi \text{ m}^2$. What is the radius of the circle?

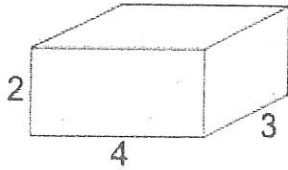


11. Find the perimeter of the shape to the left.

12. Find the area of the shape to the left.

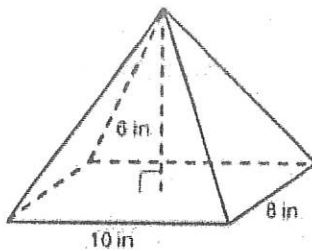
Surface Area and Volume

1. A giant lobster tank is a cylinder. The base has a radius of 3 miles. It is 10 miles tall.
A) What is the area of the base? B) What is the tank's volume? C) What is the surface area?

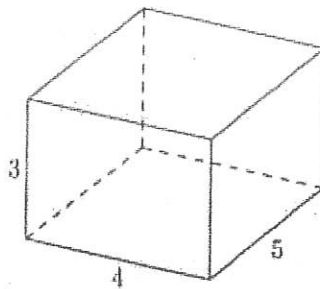


2. The shape to the left is measured in millimeters.
A) What is the area of the base? B) Volume? C) Surface area?

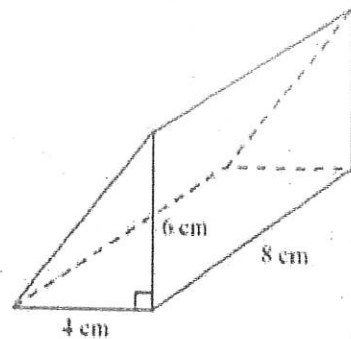
3. Find the volume.



4. Find the volume.



5. Find the volume.



6. A cylinder has a volume of $80\pi \text{ in}^2$. The radius is 4 inches! What is the cylinder's height?

7. A right rectangular prism has a surface area of 180 m^2 . The perimeter of the base is 28 meters. The width of the base is 6 m and the length of the base is 8 m. What is the height of the prism?

Probability

List A) the amount of events in each experiment, and B) the total amount of outcomes.

1. Rolling a 6-sided die 3 times
2. Flipping a coin 4 times
3. Filling 3 different positions with 7 different people
4. Making one meal from 3 appetizers, 5 main courses, 4 desserts, and 3 drinks

For 5-6, find the theoretical probability of the event.

5. Rolling two six-sided dice and getting a total of 7
6. Flipping 3 two-sided coins and getting two heads and a tail
7. You have a bag of lizards. There are 3 green lizards, 5 red lizards, 4 orange lizards, 6 white lizards, and 2 black lizards.
 - A) What is the theoretical probability of drawing a green lizard?
 - B) What is the theoretical probability of drawing an orange OR a white lizard?
8. You reach into the bag and draw 10 lizards, replacing them every time. You draw 4 red lizards, 2 white lizards, and 4 green lizards.
 - A) What is the experimental probability of drawing a green lizard?
 - B) Which is bigger, the theoretical or experimental probability of drawing a green lizard?
9. You're making cookies for a bake sale. The probability of frosting a good cookie is $\frac{3}{7}$. You frost 812 cookies. How many good cookies do you manage to frost?
10. You're harvesting Brussel sprouts. The chance of finding a yummy Brussel sprout is $\frac{2}{27}$. If you find 48 yummy Brussel sprouts, what is the total amount of Brussel sprouts?