MATH

Shade the equivalent fractions and decimals in the same color.

$\frac{4}{40}$ 2 $\frac{32}{96}$ 0.76 $\frac{8}{12}$ $\frac{1}{2}$

0.5 $\frac{2}{5}$ $\frac{36}{36}$ $\frac{49}{100}$ 0.1 $0.33...$

$\frac{3}{10}$ 0.3 $\frac{6}{24}$ 1 0.49

$0.66...$ 0.25 0.4 $\frac{10}{5}$ $\frac{38}{50}$

ELA

Read the passage. Shade the redundant words/phrases.

| How many did you find? | |

Last summer, I visited the country of Australia with my family. We had many memorable experiences that I won't soon forget, but there were also some things that I found to be odd and strange.

For starters, Australians speak the same, identical language as me. However, they use a lot of abbreviations in their everyday language and vocabulary. For example, Australians often seem to refer to breakfast as "brekky" and the afternoon as "the arvo" quite a bit. They call their friends by shortened, abbreviated names, such as "Johnno", "Stevo" and "Shazza." I like the casualness of this. It makes everyone seem like they could be your friend or mate!

Another difference between Australia and my country is the way in which Australians make tea. Instead of boiling water on the stove until it's 212°F, they use electric kettles. When I explained to one lady how I boil my water at home, she looked very confused when I explained to her how I usually heat my water in my country.

Finally, and perhaps most terrifyingly, is the way that Australians drive their vehicles on the left-hand side of the road. I kept forgetting! Luckily, I was fortunate that I didn't need to drive a car myself, but I did try to climb into the driver's side by accident on two occasions!

Nevertheless, I had a wonderful time in Australia. If you have an opportunity to travel and to visit Australia, I would highly recommend it.
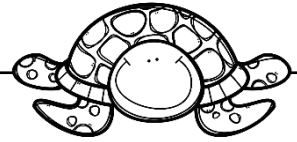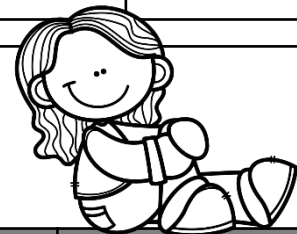
MATH

Roll a die five times to make three-digit numbers with two decimal places, e.g. 4, 5, 3, 2 and 2 would make 453.22. Repeat until you have made two numbers. Multiply the numbers.

_____ X _____	_____ X _____	_____ X _____	_____ X _____	_____ X _____

ELA

Split the following words into prefix, base or root and suffix. Write "-" if there is no prefix or no suffix.

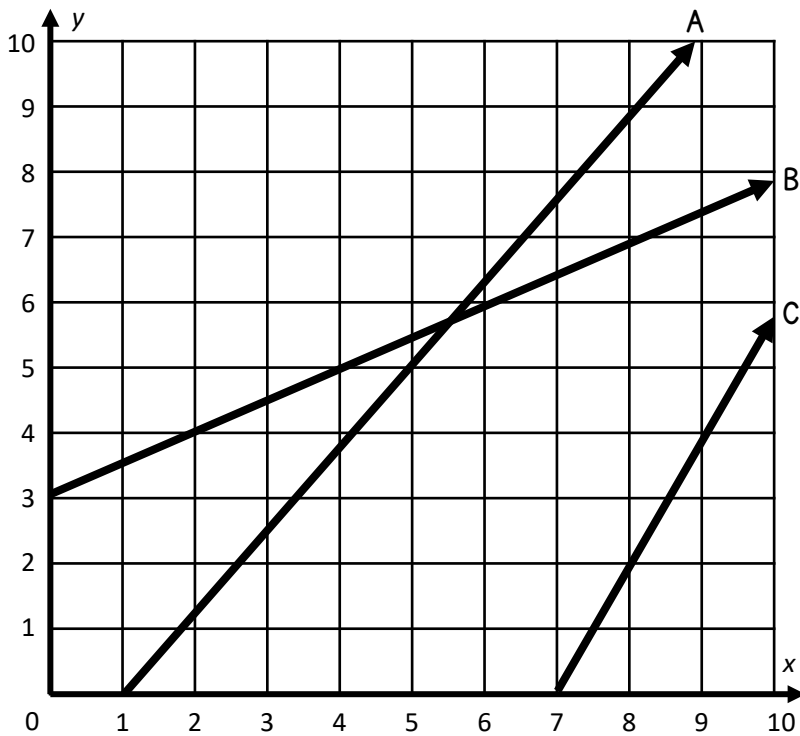| WORD	PREFIX	ROOT/BASE	SUFFIX
unfortunately	un–	fortunate	–ly
disappearance			
irresponsible			
triangle			
unknowing			
nonconformist			
argument			
disinfectant			
misleading			
dehydrated			

DON'T FORGET!

$$\text{slope} = \frac{\text{change in } y}{\text{change in } x}$$

MATH

Find the slopes of the following graph. Simplify your answers.

SLOPE A	
SLOPE B	
SLOPE C	

ELA

Shade whether the sentence is a FACT (F) or an OPINION (O).

	F	O
1) The strong winds caused the trees to fall down and damage the stadium.	F	O
2) Eating a healthy, well-balanced diet is the most important part of living a good life.	F	O
3) The man who nodded off during the speech should be punished for his rudeness.	F	O
4) There was a shark sighting off the coast of Esperance on Monday evening.	F	O
5) Sky-diving provides the biggest adrenaline rush of all sports.	F	O
6) It is nonsensical to sleep in a yacht during a summer storm.	F	O
7) There is nothing worse than the bullying of young children and teenagers at school.	F	O
8) Miss Walton had been a teacher at Scarborough Middle School for three years.	F	O
9) There is an Indian restaurant on the corner of Main Street and First Avenue.	F	O
10) Since finishing school twenty years ago, I have forgotten how to multiply fractions.	F	O
11) Neil Armstrong, the first person on the moon, was a courageous individual.	F	O
12) Rebekah published an organic cooking book when she was twenty-five.	F	O

1. Create a common denominator.
2. Multiply the numerators.
3. Add the fractions.
4. Simplify the fractions.

MATH

Add the positive and negative fractions.

$-\dfrac{1}{4} + \dfrac{5}{7}$	$-\dfrac{1}{6} + \dfrac{4}{5}$	$-\dfrac{1}{3} + \dfrac{3}{8}$	$-\dfrac{2}{3} + \dfrac{7}{8}$	$-\dfrac{1}{7} + \dfrac{4}{11}$
$=$	$=$	$=$	$=$	$=$
$=$	$=$	$=$	$=$	$=$
$\dfrac{1}{2} + \left(-\dfrac{1}{3}\right)$	$\dfrac{7}{9} + \left(-\dfrac{2}{3}\right)$	$\dfrac{1}{5} + \left(-\dfrac{2}{9}\right)$	$\dfrac{5}{6} + \left(-\dfrac{2}{7}\right)$	$\dfrac{3}{8} + \left(-\dfrac{3}{4}\right)$
$=$	$=$	$=$	$=$	$=$
$=$	$=$	$=$	$=$	$=$

ELA

Add your own words to complete the cloze passage.

Sam's dad _____ at home, but he was _____ at home. It was something that Sam had only _____ started to understand. His dad had initially _____ the work-from-home position because he _____ to spend more time with his _____ and friends. There was a _____ pay cut, but he'd believed the small sacrifice was _____ it.

As far as Sam was _____, the problems had started slowly. First, it was that the laptop was _____ on the kitchen table and in the living room. _____, it was the times his dad had _____ dinner because he was on _____ calls with people in district offices. The last straw was when Sam got up in the _____ of the night, only to see that his dad was _____ awake at four in the morning!

At long last, Sam _____ to confront his father. One afternoon, he cornered him _____ the kitchen.

"You _____ keep living like this," _____ Sam. "It's not healthy."

His dad _____ his head and nodded. "I know."
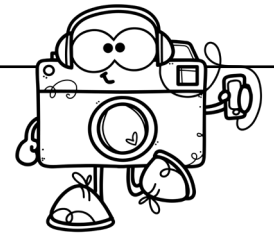
MATH

Find the first four terms in the below sequences. The letter *n* represents the position of a term in each sequence. Be sure to start with $n = 1$.

| A	$5n + 12$	
B	$16 - n + 2$	
C	$7n - (2 + 5)$	
D	$10 - 8n$	
E	$0.5n + 4$	
F	$n^2 \times (4 \times 5)$	
G	$n \div 10$	
H	$0.25 - 4n$	
I	2^n	
J	$7n - 100$	

ELA

Read the poem. Then, answer the questions.

My mother is a lioness
who prowls the halls
when sunlight fades.
Despite her own afflictions many,
She shows not fear
Not hurt
Not tear
Until the moon has gone to bed
and all is well
Then she will shed
The wisp of a sigh from between her lips
That her cubs wake well
And she can rest.

1) Explain the metaphor used by the poet?

_____
_____
_____

2) What do you think is meant by: *"Despite her own afflictions many, She shows not fear, not hurt, not tear until the moon has gone to bed"*?

_____
_____
_____
_____
_____

3) Who do you think is the narrator of this poem?

_____

Date: _____
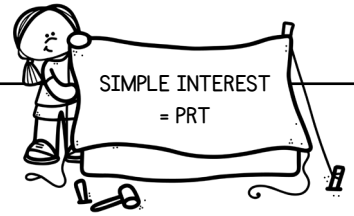
MATH

Calculate the simple interest and the total balance.

|		
INTEREST RATE: 6% per year STARTING BALANCE: $124 TIME PASSED: 2 years	INTEREST RATE: 4% per year STARTING BALANCE: $205 TIME PASSED: 4 years	INTEREST RATE: 11% per year STARTING BALANCE: $510 TIME PASSED: 8 years
INTEREST:	INTEREST:	INTEREST:
TOTAL BALANCE:	TOTAL BALANCE:	TOTAL BALANCE:

INTEREST RATE: 8% per year STARTING BALANCE: $444 TIME PASSED: 10 years	INTEREST RATE: 12% per year STARTING BALANCE: $368 TIME PASSED: 6 years	INTEREST RATE: 7% per year STARTING BALANCE: $921 TIME PASSED: 9 years
INTEREST:	INTEREST:	INTEREST:
TOTAL BALANCE:	TOTAL BALANCE:	TOTAL BALANCE:

ELA

Draw and label a personification of the item in the first box. Write a short description of your personified items, including their motivations, e.g., evil, comedic, philanthropic etc.

		_____ _____ _____ _____
		_____ _____ _____ _____
		_____ _____ _____ _____
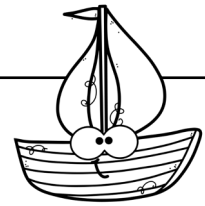
MATH

Order the rational numbers from least to greatest by following the code.

1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH
blue	red	green	purple	pink	yellow	aqua	orange

$\dfrac{7}{10}$	$\dfrac{3}{5}$	$\dfrac{2}{9}$	$\dfrac{3}{4}$	$\dfrac{2}{3}$	$\dfrac{1}{5}$	$\dfrac{7}{9}$	$\dfrac{6}{11}$
$\dfrac{3}{7}$	$\dfrac{2}{8}$	$\dfrac{1}{2}$	$\dfrac{12}{15}$	$\dfrac{11}{12}$	$\dfrac{6}{13}$	$\dfrac{7}{7}$	$\dfrac{7}{10}$
$1\dfrac{1}{2}$	$-\dfrac{6}{9}$	$\dfrac{1}{3}$	$-\dfrac{4}{5}$	$\dfrac{12}{4}$	$1\dfrac{1}{4}$	$-\dfrac{3}{4}$	$\dfrac{1}{5}$
$-\dfrac{9}{20}$	$\dfrac{45}{100}$	$-3\dfrac{1}{2}$	$\dfrac{23}{24}$	$-\dfrac{11}{15}$	$\dfrac{1}{6}$	$-\dfrac{5}{7}$	$\dfrac{25}{100}$
$-5\dfrac{4}{11}$	$-5\dfrac{3}{4}$	$-5\dfrac{1}{3}$	$-5\dfrac{6}{10}$	$-5\dfrac{8}{15}$	$-5\dfrac{2}{7}$	$-5\dfrac{18}{20}$	$-5\dfrac{5}{20}$

ELA

Shade the Latin root, its correct meaning and some matching examples in the same color.

Latin Root

ami	tort	retro	rub	quad	serv	san

Meaning

save/keep	red	health	backward	twist	love	four

Examples

quadrant	contort	conserve	retrospect	preserve	sanitation
amorous	retroactive	quadruple	distorted	quadrangle	amity
rubella	reserve	amicable	ruby	retrogress	retort

Write three of the example words in 1-2 sentences:

_____

_____

An inequality is solved when *x* (or its variable) is on the left of the inequality sign.

MATH

Solve the one-step and two-step inequalities.

a) $4 + x > 10$	b) $12q < 60$	c) $16 \geq 8b$	d) $125 \leq 5k$
e) $90 + 7g < 300$	f) $120 \geq 8m - 60$	g) $24 \leq 3 - 3y$	h) $-6 + 8g > -74$

ELA

Rewrite these sentences by correcting the misplaced or dangling modifiers.

a) Swimming in the surf, a jellyfish stung Adelaide.

_____

b) After her tantrum, the mother soothed her child.

_____

c) The old woman called Rover has a pet puppy.

_____

d) He saw the plague of mice when he was at home on the computer.

_____

e) Driving along the highway, a familiar pedestrian spotted the doctor.

_____

f) George met his father-in-law wearing a bulky overcoat.

_____

g) Grappling with the rod, the fish jumped off the hook as Dad watched.

_____

Date: _____

MATH

Write the equivalent ratios under TRUE or FALSE.

TRUE	FALSE

6:7 and 78:91	1:2 and 34:66	2:9 and 34:153	1:7 and 2:15	4:7 and 36:63
2:3 and 30:50	8:9 and 72:90	2:5 and 30:75	11:14 and 132:170	3:10 and 18:60
12:15 and 96:120	7:11 and 56:88	4:5 and 16:25	12:20 and 72:100	3:4 and 42:56

ELA

Match the themes to the **quotations** by shading them in the same color.

Working together reaps rewards.

It was hard to hear what Allie had been through, but Martha listened. When Allie was finished, Martha told her that she was not alone. Martha had experienced something similar.

Empathy trumps sympathy.

There was a group of students. They surrounded the new kid, calling him names. Frank stepped forward and told them to leave the boy alone.

When Jack lost his job at the factory, he planned to search for a new position before telling his wife. But he changed his mind when he arrived home—and told her.

When Josie missed her bus, she ended up talking to a taxi driver for two hours. They'd grown up in the same town!

It is important to do the right thing.

Friends can be found in unexpected places.

No risk, no reward.

It is always better to tell the truth.

Although Dan worried that running the school newspaper would take a lot of time away from his studying, he knew it would look good on a college application.

The villagers spent the afternoon making fires and carefully blowing the smoke over the crops. This deterred the locusts from eating the wheat. It meant that the village produced a successful harvest.
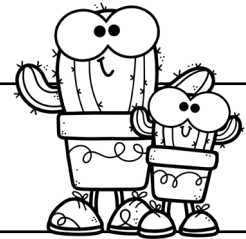
MATH

Find the percent of the following numbers...

| 1. 33% of 56	2. 26% of 36	3. 19% of 62	4. 23% of 74
5. 62% of 95	6. 47% of 23	7. 78% of 81	8. 24% of 62

ELA

Circle the words on the left that are spelled incorrectly. Shade the correct spelling of these words in the grid. Be sure to circle and shade each pair in the same color.

permanent	across
resiliant	imaginary
persevere	definately
calender	psychology
government	neccesary
proably	fourty
independent	brillant
resterant	knowledge
parrallel	enviroment
liberary	privilege
arguement	guideance

Y	Q	W	T	N	E	M	N	O	R	I	V	N	E	N
L	S	G	O	R	P	Y	L	B	A	B	O	R	P	E
E	O	U	L	Y	A	D	F	A	Q	R	C	I	A	C
T	S	I	G	R	C	D	U	F	Z	I	E	B	R	E
I	S	D	H	A	F	U	N	P	I	L	D	N	A	S
N	O	A	I	R	I	Y	O	E	K	L	R	Y	L	S
I	R	N	R	B	R	T	A	I	L	I	C	V	L	A
F	C	C	E	I	T	N	A	R	U	A	T	S	E	R
E	C	E	V	L	Y	H	U	F	E	N	C	A	L	Y
D	A	R	G	U	M	E	N	T	Y	T	R	O	F	A
Z	C	R	E	S	I	L	I	E	N	T	E	I	T	O
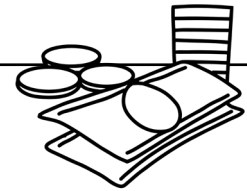
MATH

Solve the word problems.

Sally makes $34 per hour at her job. Her boss called to tell her that she is getting a 10% raise. What is Sally's new hourly rate and how much would she now receive for 8 hours work?

Baldwin ordered 40 chocolate cupcakes and 35 vanilla cupcakes for the office party. What percentage of the cupcakes were chocolate?

Hetty planted a tree in the garden. It was 3 feet tall. After two years, the tree grew 80% taller. How much did the tree grow, and how tall is the tree now?

ELA

Read the passage. How does the author's word choice contribute to the tone of the text?

When you have a hectic full-time job and three little angels under the age of ten, watching a movie on a Saturday night is supposed to be one of those rare, mystical luxuries... like sleeping in on a Sunday morning or sitting on the couch without said angels jumping on top of you.

Annoyingly, "Chiller Zone" was an absolute waste of this dad's time off and kid-free house! If you want a movie to make your mind wander to the washing up, go ahead and watch this one.

_____
_____
_____
_____
_____
_____

MATH

Here are the scores for the algebra test. Represent the information in a stem-and-leaf plot.

13	15	18	22	23	26
27	28	30	35	44	45
45	45	49	50	52	52
57	62	65	66	78	79

a) How many students scored above 40? _____

b) How many students scored below 25? _____

c) How many students scored between 30 and 70 (inclusive)? _____

d) If each student who scored below 50 (not inclusive) had to retake the test, how many students would it be? _____

e) How many students sat for the algebra exam? _____

ELA

Write 10 words that might be found on the dictionary pages with these guide words...

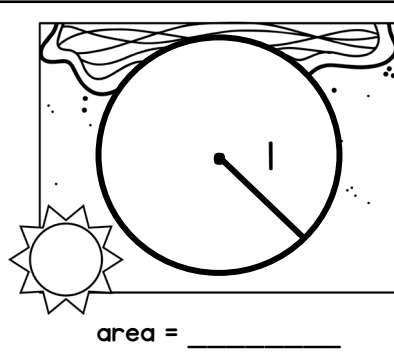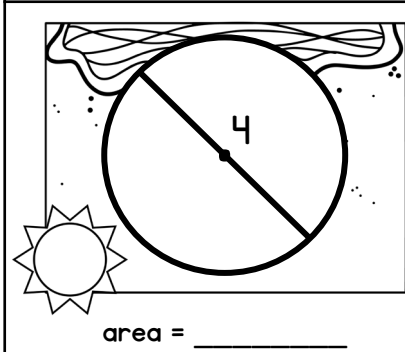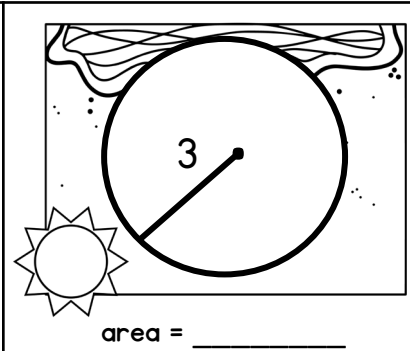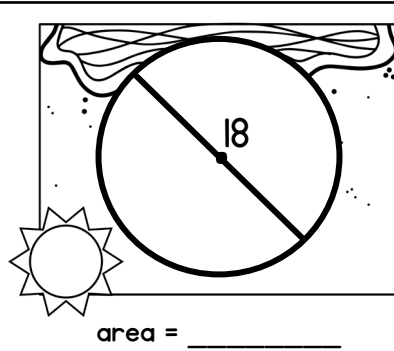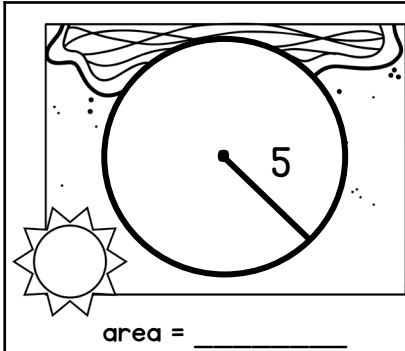| BLESS – BOSS	LIST – LOST	TAIL – TAME	WADE – WATER

Write some of your words in sentences.

_____

_____

MATH

$A = \pi r^2$
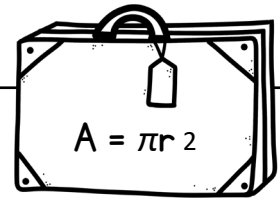
Find the area of these circles. Use 3.14 as an approximation for π.
Round to 2 decimal places. Order the area sizes from greatest (1) to smallest (6).

5	18	3
area = _____	area = _____	area = _____
4	1	12
area = _____	area = _____	area = _____

ELA
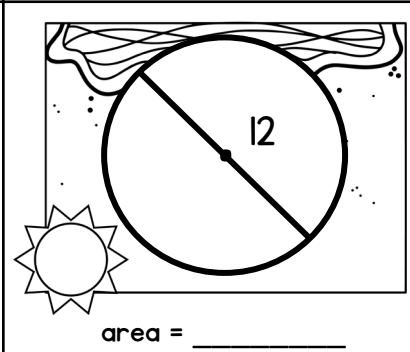
Use the context clues to determine what the underlined words mean in each sentence.

a) He had to learn the <u>rudimentary</u> principles before he could progress.

MEANING: _____

b) The leader had no <u>affiliation</u> with the second company.

MEANING: _____

c) When Jason was questioned by the teacher about his involvement in the fight, he <u>omitted</u> the part of the story where he participated in the verbal abuse.

MEANING: _____

d) There is a <u>copious</u> amount of self-published books released every month.

MEANING: _____

e) When she received her award, the police officer was described as being hardworking, confident and <u>competent</u>.

MEANING: _____

f) Unfortunately, the boss was <u>indifferent</u> to the complaint by his employee.

MEANING: _____

MATH

Write the equivalent fractions, decimals and percentages.

	0.2	
		18%
$\frac{1}{6}$		
$\frac{1}{9}$		
		30%
$\frac{9}{15}$		
$\frac{13}{20}$		
$\frac{40}{65}$		
$\frac{12}{30}$		

		75%
$\frac{7}{18}$		
	0.125	
$\frac{7}{50}$		
$\frac{3}{17}$		
	0.9333	
$\frac{3}{7}$		
$\frac{4}{16}$		
$\frac{8}{90}$		

ELA
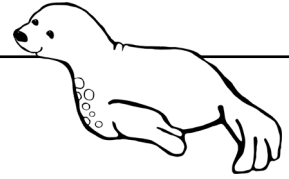
Look up a thesaurus and find four synonyms for the following words...

	SYNONYM #1	SYNONYM #2	SYNONYM #3	SYNONYM #4
dilapidated				
dissatisfied				
picky				
conceal				
signal				
devious				
medicine				
handy				
freedom				
ruddy				
startled				

MATH

Solve the multistep word problems.

a) At 8 o'clock, it was –12°C. By 9 o'clock, it was 3 degrees cooler. By 10 o'clock, it had warmed by 5 degrees. What is the temperature at 10 o'clock?	b) A seal dived 18.5 meters below sea level. It then came up 9 meters to catch a fish. After that, it dived down another 12.25 meters. What is the seal's final depth?
c) Nick started at an elevation of 3 feet. In the morning, he descended 12.6 feet. He then descended another 14.4 feet in the afternoon. What was his final elevation?	d) A mole dug 13.7 inches below the surface. He had a rest, then dug another 22.5 inches. After that, he came up by 9.6 inches. What was the mole's final depth?

ELA

Shade the figurative language in the sentence. Circle and write its meaning.

1) Casey wanted to buy the property because it had a gorgeous Juliet balcony.
FIGUARTIVE LANGUAGE (circle): *simile   metaphor   allusion   personification   hyperbole   idiom*
MEANING: _____

2) Allie always asked Andromeda if she was allowed to pet her alpaca.
FIGUARTIVE LANGUAGE (circle): *simile   metaphor   alliteration   personification   hyperbole   idiom*
MEANING: _____

3) Marion decided that the job was a nightmare, and she had better things to do with her time.
FIGUARTIVE LANGUAGE (circle): *simile   metaphor   allusion   personification   oxymoron   pun*
MEANING: _____

4) When Ed rounded the corner, feeling helplessly lost, the restaurant stared back at him.
FIGUARTIVE LANGUAGE (circle): *simile   metaphor   idiom   personification   onomatopoeia   allusion*
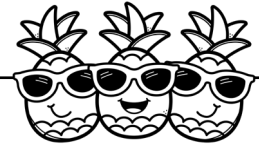MEANING: _____

5) Cedric made me laugh so hard that my head nearly exploded.
FIGUARTIVE LANGUAGE (circle): *irony   metaphor   allusion   alliteration   hyperbole   onomatopoeia*
MEANING: _____

MATH

Using all the numbers provided, how close can you get to the target answer? (You may use any operation.)

7, 1, 16.3, 9.5, 5	0.5, -10, 5, 42, 2	10, 9, 4, 10, 0.75	0.8, 2, 75, 10, 2.5, 4
TARGET NUMBER 6.2	TARGET NUMBER 65	TARGET NUMBER 31.75	TARGET NUMBER 70

ELA

Read the argument. Highlight the thesis in blue, the claim in red and the evidence in green.

   Most people agree that going to bed late is a bad idea. We learn this as children, are constantly reminded of it as teenagers and many of us finally get the message by the time we are adults. But why is going to bed in the early hours so detrimental to your health?

   You may have heard of circadian rhythms. These are people's natural sleep-wake cycles, tied to the 24-hour clock and the cycle of light and dark. Circadian rhythms tell the brain when to release certain hormones, when to fire up metabolism, when to detox parts of the body and how to regulate body temperature. Unfortunately, if you go to bed very late every night, your circadian rhythms will be disrupted. This can lead to fatigue and memory problems in the short term, and the damage of organs, problems with metabolism and chronic diseases, such as diabetes and heart disease, in the long term.

Write the thesis, claim and evidence below.

THESIS	
CLAIM	
EVIDENCE	

MATH

Simplify each expression using the distributive property.

a) $5(9 + 2m)$	b) $7(3 + 4k)$	c) $12(5b + 10)$	d) $20(9x + 5)$
e) $(7w + 8)(4)$	f) $(9c + 12)(7)$	g) $(6s + 11)(5)$	h) $(9y + 7)(9)$
i) $7(45f + 22)$	j) $3(13r + 16)$	k) $(50d + 25)(4)$	l) $(81 + 52z)(10)$

ELA

Based on the argument on the previous page, answer the following questions…

a) Is the reasoning sound?

_____

_____

b) Is there sufficient/relevant evidence to support the argument? Why/Why not?

_____

_____

_____

_____

c) Suggest how to obtain some additional information to strengthen the argument.

_____

_____

_____

_____

MULTIPLICATION + DIVISION

If the integers have the same sign, the answer is positive. If the integers have different signs, the answer is negative.
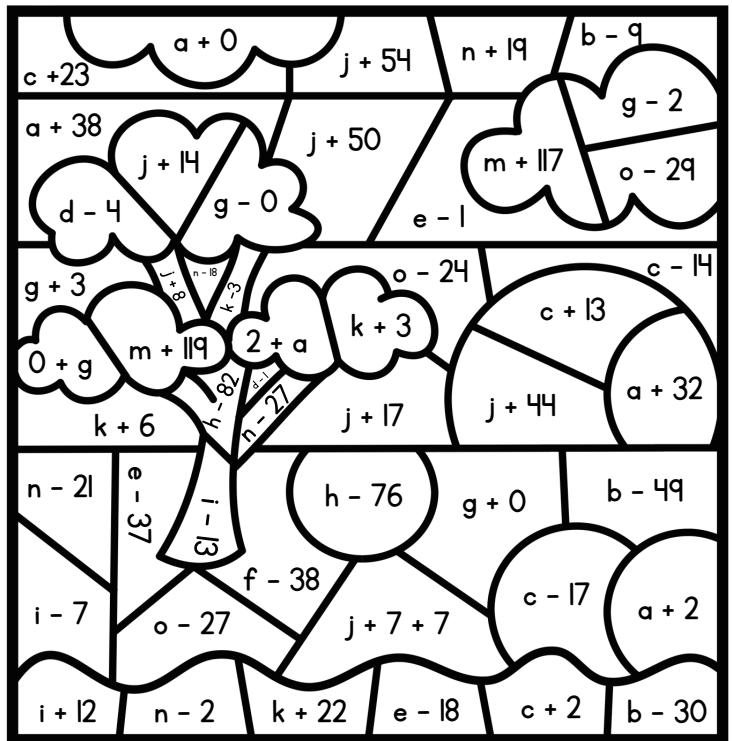
Date: _____

MATH

Multiply or divide the integers. Use the code to shade the picture.

a) $-5 \times 3 =$ _____

b) $-6 \times (-6) =$ _____

c) $-28 \div (-7) =$ _____

d) $-72 \div 8 =$ _____

e) $-4 \times (-6) =$ _____

f) $5 \times 5 =$ _____

g) $65 \div (-5) =$ _____

h) $-7 \times (-9) =$ _____

i) $42 \div (-7) =$ _____

j) $-9 \times 3 =$ _____

k) $128 \div (-8) =$ _____

l) $-5 \times (-7) =$ _____

m) $12 \times (-11) =$ _____

n) $-56 \div (-7) =$ _____

o) $350 \div 25 =$ _____

CODE

BLUE:	6
ORANGE:	-10
WHITE:	-15
YELLOW:	17
PINK:	23
BROWN:	-19
PURPLE:	27
GREEN:	-13

ELA

Write and illustrate a poem about a summer sport with the following rhyme scheme:

_____

_____

_____

_____

A

_____

B

_____

B

_____

A

_____

A

_____

B

_____

A

_____

B

_____
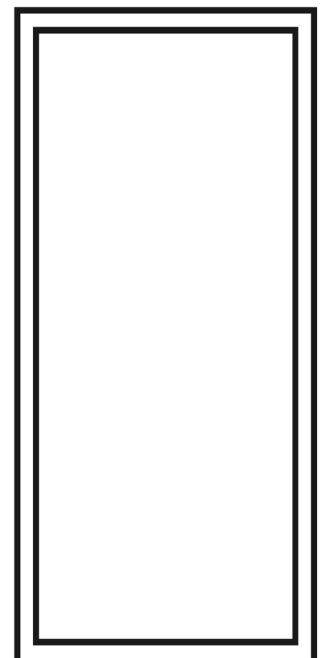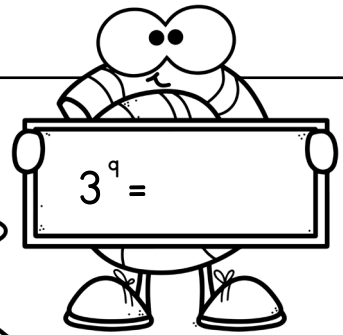
MATH

Evaluate the following.

$3^9 =$

$14^2 =$

$2^9 =$

$12^3 =$

$10^7 =$

$11^5 =$

$3^7 =$

$7^6 =$

$5^6 =$

$8^8 =$

$2^8 =$

$3^5 =$

$9^5 =$

$7^4 =$

$4^7 =$

$11^4 =$

$14^3 =$

$2^6 =$

$15^3 =$

$6^3 =$

$20^3 =$

ELA

Look up the following words in the dictionary. Circle the correct meaning.

WORD	MEANING
brevity	a. reasoning b. untoward c. perilous d. succinctness e. elevation
arduous	a. rapture b. condescending c. comfort d. rehabilitate e. demanding
notorious	a. headway b. infamous c. wary d. trepidation e. rewarding
continuum	a. language b. range c. continuous d. allusion e. frustration
cantankerous	a. prepared b. lighthearted c. daring d. wealthy e. irritable
surreptitious	a. truthful b. daunting c. knowledgeable d. secretive e. creative
quandary	a. dilemma b. raucous c. immediate d. huddle e. miracle
loquacious	a. talkative b. affronted c. sacred d. combative e. youthful
stout	a. vicious b. silent c. anxious d. witty e. resolute
superlative	a. honest b. fastidious c. morbid d. unmatched e. speedy
livid	a. vibrant b. cakewalk c. furious d. impressionable e. easy

Don't forget that multiplication is commutative!

MATH

Multiply the following...

a. $(3 \times 10^2)(3 \times 10^5)$	b. $(4.2 \times 10^6)(2 \times 10^3)$	c. $(11 \times 10^8)(4.5 \times 10^4)$
d. $(2 \times 10^{-3})(4 \times 10^{-7})$	e. $(3.3 \times 10^{-9})(4 \times 10^3)$	f. $(7 \times 10^{-8})(2.5 \times 10^6)$

ELA

Shade the sentences in BLUE, the fragments in RED and the run-ons in YELLOW.

Runs in the deepest part of the forest.

Sometimes we fight about it I don't know why.

I liked the theme of the book.

Sometimes it's not really about.

The appointment ran thirty minutes over the expected time.

It isn't always like that when we go to the country house, it's a lot better.

They would flock to the beach in the afternoon with their umbrellas and sunscreen.

Until she comes to a decision about the new apartment.

Under pressure from his family and colleagues to make a quick decision.

She was one of the most famous actors in Europe.

Of course they knew it would be difficult to say farewell after so many years together in Cornwall.

The dog knew it the cat knew it, too.

She wanted to play in the garden with.

There was something remarkable about him.

She ran across the sand the waves splashed her toes.

There is nothing more invigorating than a jump in the pool on a hot day.

MATH

Look at the two similar figures. Solve for x. Show all your working.

a)

3.2

x

4

2

b)

10.4

x

7

28
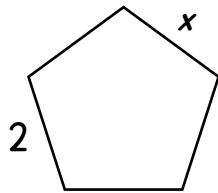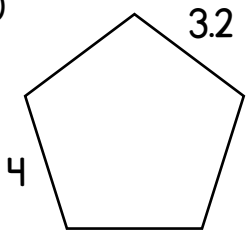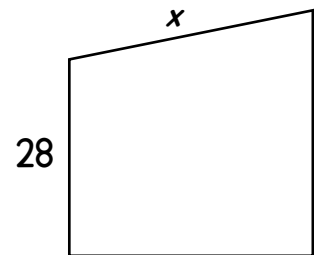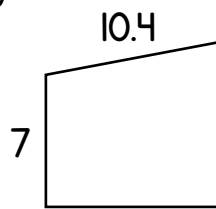
ELA

Write the words in order from weakest to strongest.

hate, detest, loathe, dislike	
smudge, mess, clutter, disorder	
beloved, friend, acquaintance, contact	
enjoy, love, like, adore	
gallop, trot, canter, walk,	
glitch, disaster, problem, quandary	
incensed, irritated, furious, angry	
unhappy, sad, down, miserable	
uneasy, concerned, terrified, frightened	
burned, charred, well done, overcooked	
wind, tornado, gale, breeze	
minute, petite, tiny, little	

The decimal place must be after the first non-zero number.

MATH

Divide the following…

a) $\dfrac{12 \times 10^6}{4 \times 10^4}$	b) $\dfrac{6 \times 10^9}{1.5 \times 10^3}$	c) $\dfrac{8 \times 10^4}{40 \times 10^7}$	d) $\dfrac{5 \times 10^8}{10 \times 10^{-4}}$

ELA

Read the sentences. Circle the word that is spelled incorrectly. Spell the word correctly on the right.
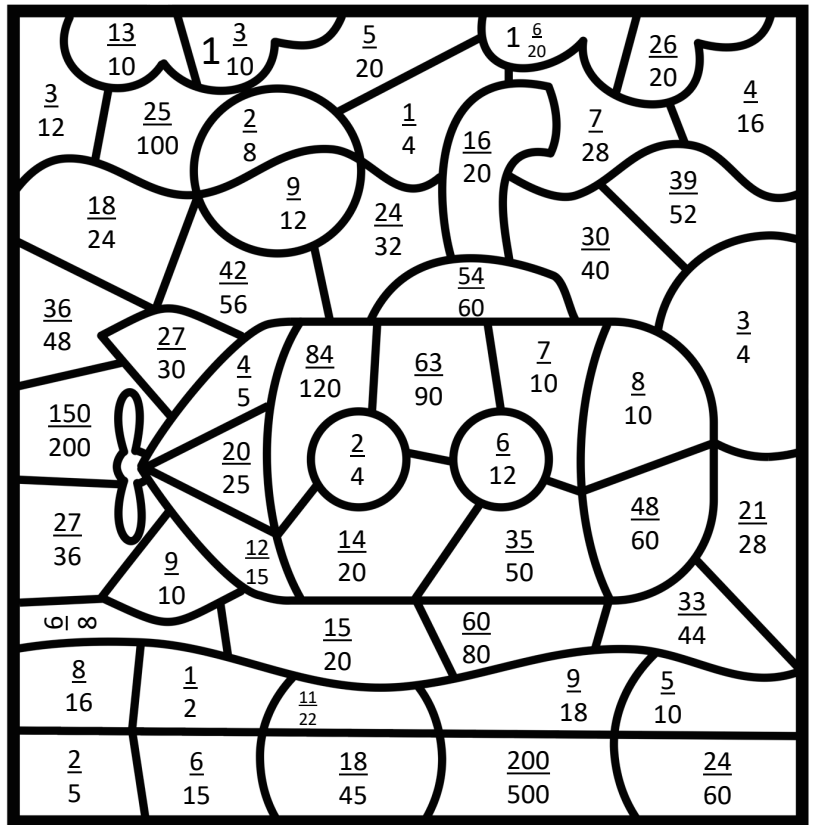
|	
Fortunately, there was an adjusible strap on my surf hat.	
Like anyone else, Cecily certainly didn't apreciate the negative connotation.	
To witness the insect's metamorphosis is truely inspiring.	
At the junction of Main and Second, I meet my friend's every afternoon.	
It was most unfortunate that the chaufer did not arrive on time to pick me up.	
There was a definate sense of tension in the air that day.	
In the dystopian novel, there was a subterrainean city!	
It was highly iresponsible for Carter to arrive home after midnight.	
Misty won a coveted award for continual perserverence.	
When my brother is condescending, I don't bother paying attension to him.	
Betty sprinkled cinammon on top of her cappuccino.	

MATH

Convert the decimals into fractions. Then, shade the picture according to the code.

YELLOW	0.5	
WHITE	1.3	
PINK	0.25	
ORANGE	0.4	
RED	0.9	
GREEN	0.7	
PURPLE	0.8	
BLUE	0.75	

Picture fractions:

$\frac{13}{10}$ $1\frac{3}{10}$ $\frac{5}{20}$ $1\frac{6}{20}$ $\frac{26}{20}$

$\frac{3}{12}$ $\frac{25}{100}$ $\frac{2}{8}$ $\frac{1}{4}$ $\frac{16}{20}$ $\frac{7}{28}$ $\frac{4}{16}$

$\frac{18}{24}$ $\frac{9}{12}$ $\frac{24}{32}$ $\frac{30}{40}$ $\frac{39}{52}$

$\frac{42}{56}$ $\frac{54}{60}$

$\frac{36}{48}$ $\frac{27}{30}$ $\frac{4}{5}$ $\frac{84}{120}$ $\frac{63}{90}$ $\frac{7}{10}$ $\frac{8}{10}$ $\frac{3}{4}$

$\frac{150}{200}$ $\frac{20}{25}$ $\frac{2}{4}$ $\frac{6}{12}$

$\frac{27}{36}$ $\frac{12}{15}$ $\frac{14}{20}$ $\frac{35}{50}$ $\frac{48}{60}$ $\frac{21}{28}$

$\frac{9}{10}$

$\frac{8}{6}$ $\frac{15}{20}$ $\frac{60}{80}$ $\frac{33}{44}$

$\frac{8}{16}$ $\frac{1}{2}$ $\frac{11}{22}$ $\frac{9}{18}$ $\frac{5}{10}$

$\frac{2}{5}$ $\frac{6}{15}$ $\frac{18}{45}$ $\frac{200}{500}$ $\frac{24}{60}$

ELA

Look at the picture and write a story about it in 1st person POV.

_____

_____

_____

_____

_____

_____

_____

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_____
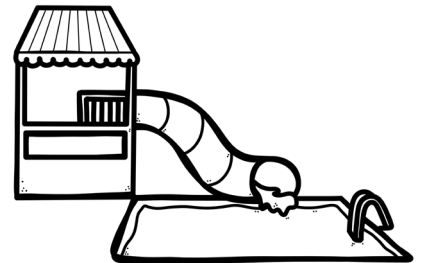
Remember: PEMDAS
1.   Parenthesis
2.   Exponents
3.   Multiply (L to R)
4.   Divide (L to R)
5.   Add (L to R)
6.   Subtract (L to R)

MATH

Use the order of operations to solve these expressions.
Show every line of your work.

a) $14 - (4 \cdot 5) \times 3 + 4^2$	b) $7^3 \times 2 + (2^2) \div 4 - 10$	c) $0.5^2 + 123 \times (12.5 - 5.4)$
d) $4(4 + 6)^2 \times 10 + 19$	e) $-4 \times 25 - (3 \cdot 3)^3 + 25$	f) $(9^2 - 61)^2 \times 4 \div 1,000 + 53$

ELA

Read the passage and answer the questions.

  Detective Ellery shivered, as he stared out the window. The lights of the city sparkled below. As tears formed in his eyes, Ellery blinked them away. He turned and picked up his suitcase from the carpet, shrugging on his thick coat with his opposite arm. Then, he swept from the room, letting the heavy door slam behind him.
  Two days later, Ellery sat on a low chair, sinking his toes in the warm sand. A crossword book rested in his lap, but none of the puzzles were complete. Instead, the margins were filled with names and dates relating to the Wallenburg murder case.
  "It's over, my dear," said Ellery's wife. "After forty-five years, don't you think you've earned this new life?"
 Ellery grunted something under his breath. It hadn't been his choice. She would never understand what it was like to leave something unfinished. But he smiled through his gritted teeth and replied, "You're right, of course."

1.   What was the weather like in the city? Provide evidence. _____

_____

2.   Why do you think Ellery is sitting on the warm sand? _____

_____

3.   Do you think Ellery will have an easy time adjusting to his retirement? _____

_____

_____
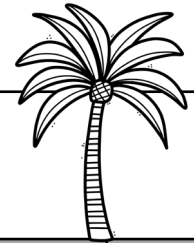
MATH

Complete the input/output tables and work out the rule for each one.

IN	OUT
-46	
219	
	-47.44
-12	-60
	-3
	981
-422	

IN	OUT
92	23
	45
	81
	0.25
14.4	
248	
492	123

IN	OUT
-5	-0.5
6.3	
109	
	-4.8
	0.002
	-1
8.4	0.84

IN	OUT
	1,000
	64
12	1,728
15	
22	
7	343
	512

RULE:

RULE:

RULE:

RULE:

ELA

Write the following words in reverse ABC order.

funny	form	fallen	feather	fern	foyer	fossil	father
feet	fetlock	frozen	fuzzy	frosting	facial	for	frieze

1		9	
2		10	
3		11	
4		12	
5		13	
6		14	
7		15	
8		16	
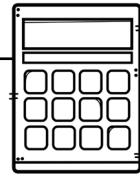
MATH

Multiply the numbers. Find and shade the answers in the grid.

1. 6.7 x 2.3 = _____
2. 13.7 x 5.4 = _____
3. 14.7 x 2.4 = _____
4. 9.8 x 17.8 = _____
5. 11.7 x 11.4 = _____
6. 19.3 x 15.4 = _____
7. 6.2 x 16.4 = _____
8. 7.6 x 12.1 = _____
9. 24.6 x 12.2 = _____
10. 33.2 x 5.7 = _____
11. 48.2 x 3.5 = _____
12. 51.2 x 11.3 = _____
13. 11.8 x 93.2 = _____
14. 19.5 x 13.5 = _____

3	0	0	1	2	1	2	2	6	3	2	5
3	1	7	4	4	4	9	8	3	4	1	7
3	7	6	1	0	1	6	8	9	2	6	3
5	5	8	4	3	9	1	9	7	8	8	9
2	2	9	7	2	2	3	6	4	3	7	8
8	8	7	6	2	3	3	8	1	5	4	1
9	1	8	9	2	4	3	7	9	1	9	6
1	0	9	9	7	6	8	5	7	8	5	6

SUBTRACT THE REMAINING NUMBERS FROM 356:

ELA

Use the context clues to determine what the underlined words mean in each sentence.

a) "You look so surly, Madalyn Briggs," said her grandmother. "No one will want to be your friend!"

MEANING: _____

b) Edgar used deft strokes of his paintbrush to create the landscape scene.

MEANING: _____

c) Winston Wellington rebuked the ill-mannered comments from the Duke of Deaconshire.

MEANING: _____

d) Davina Jones habitually wandered through the fields, remembering the last time she had walked the same path with her great aunt.

MEANING: _____

e) "I started talking about the environment, but I don't want to digress from my main point about the safety of wildlife," said Annabella.
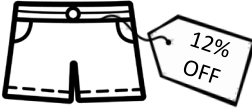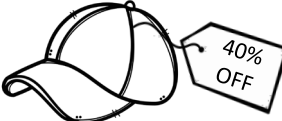
MEANING: _____

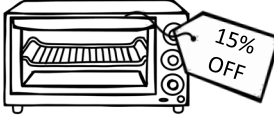f) I felt a strong sense of nostalgia when I looked through the old photo albums.

MEANING: _____

MATH

Which is the better deal? Shade your answer and justify your response.

a	b	
$20.00 5% OFF	$22.50 12% OFF	
$5.75 20% OFF	$9.50 40% OFF	
$55.00 38% OFF	$40.00 15% OFF	
$780.00 15% OFF	$1,030 45% OFF	

ELA

Shade the Greek root, its correct meaning and some matching examples in the same color.

Greek Root

mega	aer/o	cosm/o	iatr/o	eu	cardi/o	poly

Meaning

medical care	good/well	heart	great/large	many	air	universe

Examples
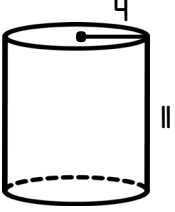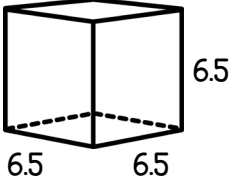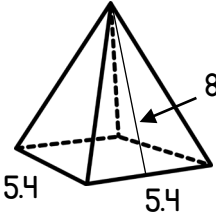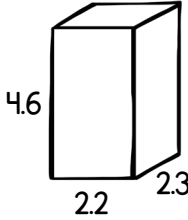
cardiologist	geriatric	cosmic	cardio	euphoria	aerial
polychrome	aerospace	megaphone	podiatry	polygon	pediatrics
cosmos	polyglot	cardiac	microcosm	aeronaut	euphonious

Write three of the example words in 1-2 sentences:

_____

_____

MATH

Calculate the surface area of the following objects. Use **3.14** as an approximation for π.

4 / 11 (cylinder)	6.5 / 6.5 / 6.5 (cube)	8 / 5.4 / 5.4 (pyramid)	4.6 / 2.2 / 2.3 (rectangular prism)
S. AREA =	S. AREA =	S. AREA =	S. AREA =
S. AREA OF 5.7 OF THESE PRISMS =	S. AREA OF 9.5 OF THESE PRISMS =	S. AREA OF 20.5 OF THESE PRISMS =	S. AREA OF 45.75 OF THESE PRISMS =

ELA

Read the passage and answer the questions.

I don't want to move to New Hampshire. I will tell you my reasons why.

First of all, I love my current school. I just finished seventh grade, and I cannot wait to take classes next year with all my friends.

Secondly, my bedroom is amazing. I finally got my own room last year when my sister left for college. I have spent the past few months painting the walls and coaxing my parents into buying me new furniture, such as my corner desk and chaise lounge.

Finally, I love the community in our town. Everyone knows everyone else. I can't walk down the street without waving to half a dozen familiar faces. I cannot imagine that happening in a new neighborhood. Well, not for a long while.

Please reconsider our move, Mom and Dad!

1. Who is writing this letter? _____

_____

2. Why doesn't the author want to move? _____

_____

_____

3. What do you think Mom and Dad will say? _____

_____

MATH

Evaluate the expressions. If needed, round your answer to the nearest hundredth.

a)	$5f + 32 - 19 =$	f = 7	k)	$a(3 + 4 + 6) =$	a = 6
b)	$5h \div 45 + 49 =$	h = 65	l)	$6y(0.75 - y) =$	y = 11
c)	$q^2 + (75q) =$	q = 0.5	m)	$g \times 0.89 \times 10 =$	g = 25
d)	$2t(3 + 2) =$	t = 8	n)	$u(67 + 45) =$	u = 0.1
e)	$3b + 9b =$	b = 12	o)	$10(9s - 4s - 2s) =$	s = 4
f)	$-7c + 234 =$	c = 15	p)	40% of $(z + 50) =$	z = 90
g)	$17(19 - d) =$	d = 18	q)	$3(n + n) - 56 =$	n = 3
h)	$-14(x^2 + 3) =$	x = 9	r)	$(6i + 4)(5) =$	i = 2
i)	$56p + 34p =$	p = 0.02	s)	$(4 - 2j)(12) = -$	j = 5
j)	30% of $w =$	w = 80	t)	$r \times r \times r^2 =$	r = 6

ELA

Look at the picture and write a story about it in 3rd person POV.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

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_____

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_____

The Graveyard Book Summer Reading Assignment

The summer reading for our class is the Graveyard Book by Neil Gaiman. After reading, choose one of the essay prompts below to answer.

Choose 1 Essay Prompt to answer:

1. What are two central themes of this novel? Be sure to use textual evidence in your analysis.
2. The main character, Bod, had a very unconventional upbringing. Explain what that was, and how you think this upbringing will affect him as an adult.
3. The character of Silas is central to the story. Explain what his role is, and how Silas affects the plot of the story.