Tucson International Academy

Academia International de Tucson

图森国际学院

Homework Packet 8th Grade, Week 35

Name _____

Week begins _____ Due on _____

Each week, you are to complete your entire homework packet and turn it in the day your teacher assigns. You and your parent/guardian must also sign below, confirming you have completed and finished your homework to the best of your ability.

Student Signature _____ Date _____

Parent/Guardian Signature _____ Date _____

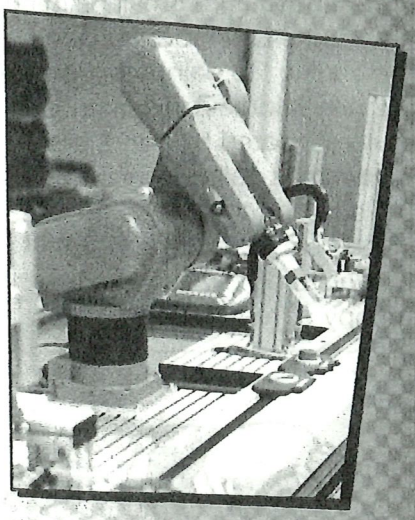
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Challenging Words

Lesson 35

TIP

Some words are especially difficult to spell because they contain silent letters, such as the h in scheme and the i in marriage. Other challenging words contain the schwa sound in unstressed syllables. Although /ə/ sounds like short u, or the sound of uh, it may be spelled with any of the vowels. Examples include the first o in oppose, the a and final e in equivalent, and the o and io in solution.



Vocabulary Development

Write the **list word** that matches each synonym or definition.

1. many _____
2. hopeful _____
3. problem _____
4. wedding _____
5. equal _____
6. answer _____
7. tiny _____
8. show _____
9. contraption _____
10. strange or cold _____
11. disagree with _____
12. urban _____
13. chances _____
14. circumstances _____
15. testing room _____
16. simple; rough _____

Dictionary Skills

Write the **list word** that comes between each pair of dictionary guide words.

1. **oat/open** _____
2. **pebble/pray** _____
3. **zebra/zoo** _____
4. **say/scratch** _____
5. **private/prune** _____
6. **mauve/mince** _____
7. **prime/probe** _____
8. **mace/meter** _____
9. **eon/ether** _____
10. **opposite/option** _____

LIST WORDS

1. *device*
2. *laboratory*
3. *obstacle*
4. *primitive*
5. *situation*
6. *dilemma*
7. *marriage*
8. *opportunities*
9. *procedure*
10. *solution*
11. *equivalent*
12. *metropolitan*
13. *oppose*
14. *scheme*
15. *peculiar*
16. *exhibit*
17. *miniature*
18. *optimistic*
19. *several*
20. *zinc*

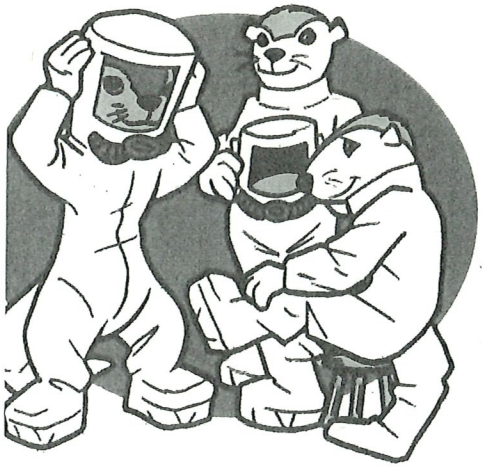
Spelling word practice

In the space provided write each of your 20 spelling words 5 times, focus on writing legibly and spelling correctly.

Spelling Practice

DID YOU KNOW?

One of the meanings of **miniature** is "a small painting," from the Latin root *miniare*, meaning "to paint with red lead." In the Middle Ages, manuscripts were created by hand, and paintings called miniatures were placed on the pages. Because of their small size, the word *miniature* now also means "a copy of reduced size."



Word Analysis

Write the **list word** containing the same root as the word given.

1. primates _____
2. dissolve _____
3. unequal _____
4. unopposed _____
5. obstruction _____
6. inopportune _____
7. pessimistic _____
8. politician _____

Analogies

Write a **list word** to complete each analogy.

1. Kitchen is to chef as _____ is to scientist.
2. Gate is to go as _____ is to stop.
3. Performance is to drama as _____ is to photograph.
4. Gigantic is to redwood as _____ is to bonzai.
5. Wood is to oak as metal is to _____.
6. Memories are to past as _____ are to future.
7. "Yes" is to agree as "no" is to _____.
8. Three is to few as eight is to _____.

Word Application

Select a **list word** from the choices in parentheses to complete each sentence. Write the **list word** on the line.

1. John was hopeful that his _____ would work. (optimistic, scheme)
2. The _____ became chaotic during the reconstruction. (solution, situation)
3. The paint roller is a clever, time-saving _____. (device, dilemma)
4. Many friendships have led to _____. (dilemma, marriage)
5. Will you accept the terms or will you _____ them? (scheme, oppose)
6. His quirky sense of humor is very _____. (peculiar, procedure)
7. We used to have just one bunny, but now we have _____. (situation, several)
8. The stone tools are very _____, but they work. (primitive, metropolitan)
9. Many of _____ New York's buildings are giant, steel skyscrapers. (metropolitan, laboratory)
10. An _____ person looks at the bright side of life. (obstacle, optimistic)

LIST WORDS

device	dilemma	equivalent	primitive
zinc	marriage	metropolitan	miniature
oppose	obstacle	opportunities	optimistic
exhibit	scheme	procedure	situation
several	solution	laboratory	peculiar

Classification

Write a **list word** to complete each series.

1. invention, machine, _____
2. chances, occasions, _____
3. _____, average, enormous
4. ancient, simple, _____
5. hurdle, sand trap, _____
6. gallery, museum, _____
7. many, a lot, _____
8. plot, plan, _____
9. copper, aluminum, _____
10. sum, remainder, _____

Puzzle

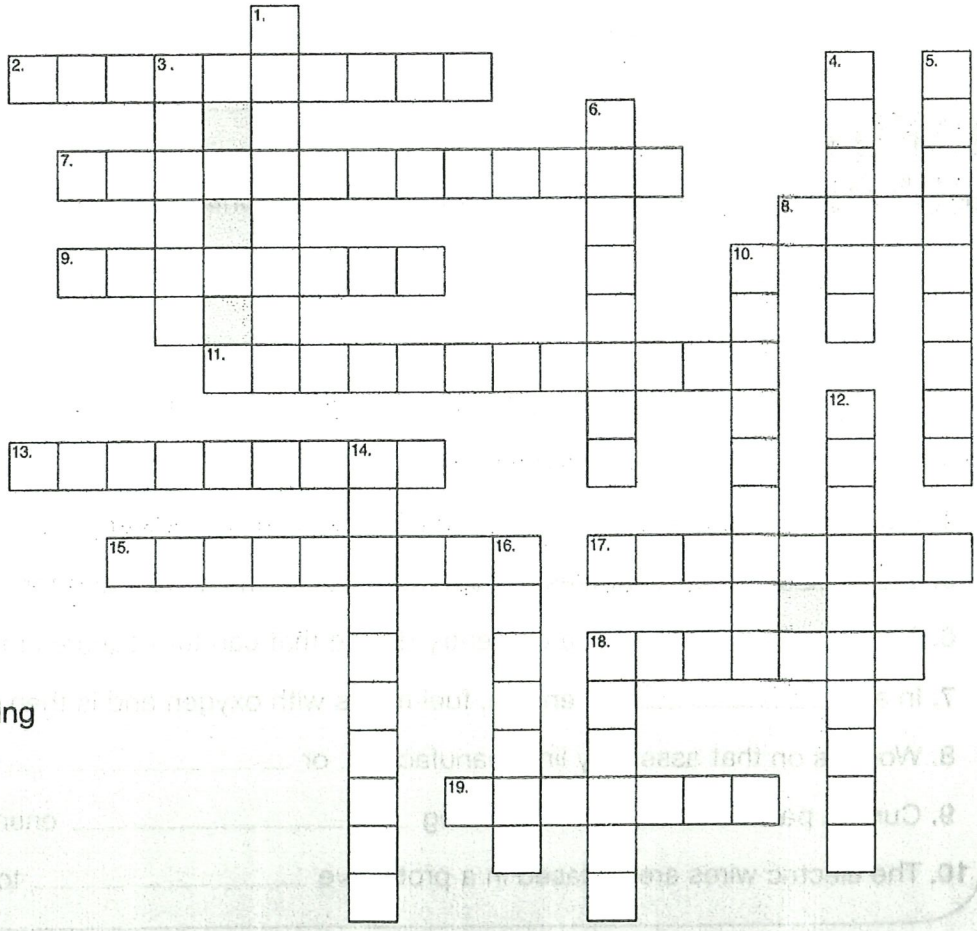
Use the **list words** to complete the crossword puzzle.

ACROSS

2. a place for experiments
7. chances
8. a metallic element
9. something that gets in the way
11. pertaining to a large city
13. position or circumstances
15. ancient; simple; rough
17. the answer to a problem
18. many; more than a few
19. a difficult problem

DOWN

1. union; wedding
3. to disagree or work against
4. a tool or machine
5. a method of doing something
6. strange; unusual; rare
10. tiny
12. equal
14. hopeful
16. a public show
18. a plan or system



Proofreading

Use the proofreading marks to correct the mistakes in the article. Write the misspelled **list words** correctly on the lines.

The first primetive computer, a calculating divice called the Difference Engine, was designed in 1822 by by the English mathematician, Charles babbage. In 1833, he started designing the Analytical Engine, a more sophisticated machine. The programming procidure for this this invention was developed by Ada byron Lovelace. Opprtunities for women were few in the early nineteenthcentury, but lovelace became an expert in sevarel subjects, including math and foreignlanguages. She translated and added extensive notes to a paper on Babbage's Engines written in French by an Italian engineer. Her document was the best contemporary description of of the engines.

Proofreading Marks

spelling mistake — add space
capital letter — delete word

1. _____
2. _____
3. _____
4. _____
5. _____



Writing a Description

Thomas Edison changed the world when he invented the electric light bulb. Now it's your turn. Invent a machine. Draw a diagram of it, labeling its parts. Then, write a description of what it does, how it works, and why it will "change the world," using as many **list words** as you can. Proofread and revise your work, then display it. Discuss which inventions might really work.

BONUS WORDS

hydraulic **implement** **electromagnetic** **combustion** **conduit**
fabricate **ventilator** **mechanical** **incinerator** **lathe**

Write a **bonus word** to complete each sentence.

1. Rubbish can be burned in the _____.
2. A _____ allows for the passage and circulation of fresh air.
3. _____ is synonymous with *tool*.
4. A stapler is a _____ device for attaching sheets of paper together.
5. _____ brakes are operated by the movement and force of brake fluid.
6. A _____ is a carpentry device that can turn square timbers into cylindrical poles.
7. In a _____ engine, fuel mixes with oxygen and is then ignited to create energy.
8. Workers on that assembly line manufacture, or _____, automobiles.
9. Current passes through wire, creating _____ energy to run the motor.
10. The electric wires are encased in a protective _____ to avoid fires and shocks.

Paragraph writing using spelling words

Use the space below to complete the paragraph writing prompt found in your spelling assignments. Carefully read and follow the directions provided, including proper sentence and paragraph structure.

Name: _____ Date: _____

Great Literature: *The Adventures of Tom Sawyer*

The Adventures of Tom Sawyer is a novel by Mark Twain. The book is about a mischievous, yet courageous and resourceful boy growing up along the Mississippi River.

When they reached the haunted house there was something so weird and grisly about the dead silence that reigned there under the baking sun, and something so depressing about the loneliness and desolation of the place, that they were afraid, for a moment, to venture in.

Directions: Copy the excerpt from *The Adventures of Tom Sawyer* using proper cursive writing form. If you need more paper, use a copy of the practice paper.

Five Minute Multiplying Frenzy (T)

Name: _____ Date: _____

Multiply each row number by each column number.
(Range 2 to 12)

×	7	11	2	3	5	9	4	10	12	6
3										
2										
9										
5										
4										
6										
11										
10										
8										
12										

Time: _____ Score: _____ /100

Unknown Variables in Equations (G)

Name: _____ Date: _____

Determine the value of each variable.

1. $w \times 3 = 36$
2. $y = 1 + 12$
3. $9 = 27 \div t$
4. $22 - 3 = n$
5. $18 = f \times 9$
6. $b \div 18 = 4$
7. $g \div 20 = 1$
8. $z = 18 + 19$
9. $c = 5 + 12$
10. $k \times 15 = 105$
11. $d + 16 = 18$
12. $p = 34 - 15$
13. $a = 15 \times 5$
14. $1 = s - 13$
15. $1 \times 10 = h$
16. $1 = 5 \div v$
17. $j = 132 \div 12$
18. $r = 14 + 19$
19. $10 = m + 3$
20. $80 \div x = 20$



Part of the homework is reading 40 minutes a day. Weekend reading is encouraged and students can get credit for reading on Friday, Saturday and or Sunday. Reading each day is very important to help you become a better reader. Complete the log below each day you read.

Days I read:	What I read including book's title(s), chapter(s), or page number(s)	Amount of time I read: (Minutes)	Write a complete sentence explaining what you enjoyed, learned or read about.
Weekend			_____ _____
Monday			_____ _____
Tuesday			_____ _____
Wednesday			_____ _____
Thursday			_____ _____
Total amount of time I read.		_____ Minutes	

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