

Towheed Iranian School

INTERNATIONAL SECTION



پیک بهاری

NAME: _____

GRADE 7

Nowruz 1394

والله تصان بنصره حلال الحلال ما قبلت بوجهه اول الحج والاحرام

ولی کرامی

سلام علیکم

فراریدن عید سعید نوروز، سرآغاز فصل زیبای بهار را تبریک عرض می‌کنم و از خداوند متعال سالی سرشار از برکات و نعمات الهی و نشاط و سربلندی برایتان آرزو مندم. کاکلنان این مجتمع آموزشی مستخزن که در خدمت نوآموزان و دانش‌آموزان ایرانی و سایر ملل هستند و برای توسعه ارائه خدمات آموزشی و پرورشی نیازمند حمایت های ایرانیان عزیز متیم ادارات می باشند. از اینکه این مجتمع آموزشی را به عنوان خانه می دوم فرزند خود انتخاب نمودید بر خود می‌بایم. از خداوند متعال سرفرازی نام ایران و ایرانی را دقامی عرصه های علمی، فزبنکی و... خواستاریم.



دانش آموز عزیز

سلام

فراریدن عید سعید نوروز را به شما و همه بھکلاسی های عزیزتان تبریک می‌گویم و از خداوند مهربان سالی بھراه باتندرستی و موفقیت در امور تحصیلی و تربیتی برایتان مسلت می‌نایم.

امیدوارم در این مجتمع آموزشی روز به روز شاهد کسب افتخارات برای ایران و ایرانیان عزیز باشیم.

علی سهرابی

مدیر مجتمع آموزشی نمونه و بین الملل توحید پسران دبی

اللهم صل علی فاطمة الزهراء

سال نوبارک ...





مجتمع آموزشی نمونه و بین الملل توحید دبی
Towheed Iranian School
International Section

NOWRUZ HOLIDAY STUDY PLAN

Grade Seven

Subject	Lessons/ pages/ notes/activities
English 1	Complete the attached work sheets
English 2	Complete the attached work sheets
Math Pre- Algebra Geometry	REVISE GEOMETRY Chapter 1 Quiz after Nowroz. Algebra Benchmark Test in the third week of April on all the topics done till now. The worksheet given ,the quizzes done and practice tests in the textbook done till now will help you to practice for the benchmark. Complete the attached work sheets
Science	Do all directed reading B for chapter 1 module D from (my.hrw.com) Quiz from chapter 2 module D will be taken after Nowruz
Farsi	۱- درس آزاد ۱۵ کتاب فارسی را به همان شکلی که درس آزاد ۱۴ در کلاس کار شده انجام شود. ۲- زیباترین شعری را که در ایام نوروز خوانده یا شنیده اید ، در حد یک بیت آن را بر برگ درختی نوشته و آن را با هنر نمایی خود به زیباترین وجه خشک کنید و به مدرسه بیاورید تا مجموعه ای از زیباترین اشعار را به همراه برگی از طبیعت در مدرسه داشته باشیم .
پیام های آسمان	Complete the attached work sheets
قرآن	Complete the attached work sheets
Arabic	ویژه دانش آموزان دختر : امتحان شفاهی از کتاب آبی ویژه دانش آموزان پسر: ۱- انتخاب و نوشتن ۲۰۰ کلمه مشکل (عربی) همراه با ترجمه فارسی از صفحات اعلام شده ۲- جمله سازی : انتخاب ۲۰ کلمه از بین کلمات مشکل و جمله سازی با آنها ۳- تعبیر : یکی از خاطرات خودتان در تعطیلات نوروز ۹۴ را به زبان عربی حداکثر در ۸ الی ۱۰ سطر بنویسید. صفحات درسی : از صفحه ۹۰ الی ۱۴۹

باسمه تعالی

نوروز نامه هفتم

آموزش قرآن و پیام های آسمان

دانش آموزان خوبم

امیدوارم ایام تعطیلات نوروزی امسال که همراه شده با نام متبرک حضرت فاطمه زهرا (س) به کامتان باشد. کارهای کوچولویی برای این ایام در نظر گرفته ایم امیدواریم مورد پسندتان باشد.

الف: قرآن

- قرایت صحیح یک نماز سه رکعتی را یاد بگیرید.
- آیاتی از سوره کهف در درس هشتم کتاب درسی شما آمده است بنابراین کارهای زیر را انجام دهید

۱- یادگیری روان خوانی این آیات

۲- ده عبارت کوتاه با معنای فارسی از سوره کهف انتخاب کنید و بنویسید.

۳- داستان اصحاب کهف را به صورت خلاصه و زیبا بنویسید.

این هم یک شعر قرآنی زیبا تقدیم شما گل های قرآنی:

آموزگار قرآن! ای گوهر معانی

آموختی، بخوانم آیات آسمانی

در پای تخته گفتی قرآن بهار دلهاست

سوغاتی از محمد(ص) این یک کتاب زیباست

آهنگ درس قرآن آوای مهربانی است

هر قصه قشنگش سرمشق زندگانی است

با رنج خود رساندی ما را به گنج ایمان

این گنج از تو دارم این گنج هست قرآن

یادت چراغ راهم ای شمع جاودان سوز!

تصمیم دارم آن را خوانم به هر شب و روز

با تشکر



Towheed International School

Subject: English BL (Nowrooz Homework)

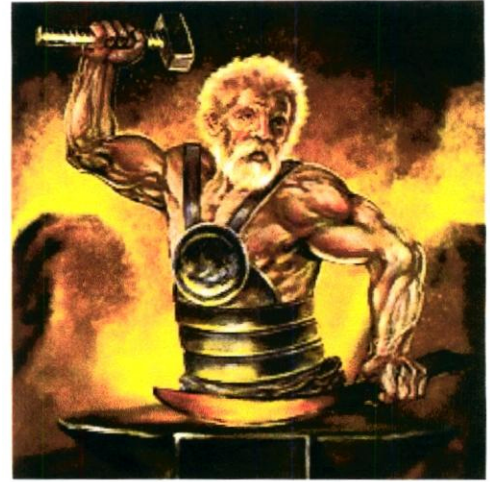
Date: / / 2014-15

Name: _____

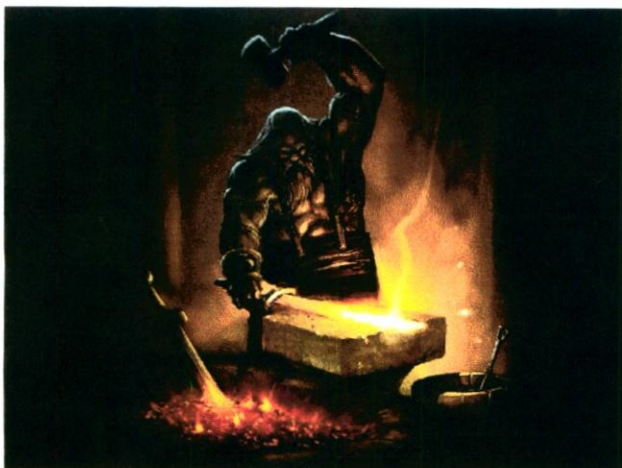
Grade: 7, Section A, D

VULCAN AND HIS INVENTIONS

All the gods and goddesses had perfect bodies, except one. Vulcan, the son of Jupiter and Juno, was a nice, bright boy, but he was born disabled. It is said that Juno was so unhappy that her baby was not perfect that she threw him down from heaven.



Many stories are told about the wonderful things this god created. He made the first robots—gold and silver handmaidens with mechanical brains and tongues who became his faithful servants. Vulcan also invented the first wheelchairs — moving tripods which carried him around and even hurried out of the way when not in use.



Vulcan worked at a forge on Mount Olympus and there he designed and built brass palaces for the other gods. He made armor which could not be pierced by any weapon. Vulcan also invented special golden shoes for the gods and their horses. Anyone who wore these shoes could walk on air and water as easily as they could walk upon land.

6. The author asks a question about mountains:

- A. to show that Vulcan is a real person
- B. to connect Vulcan's story to real life
- C. to complain about nature's dangers
- D. to prove that all mountains are alike

7. Vulcan created many wondrous inventions. Name TWO of Vulcan's inventions.

a. _____

b. _____

Poetry Uses Rhyme

Many poems use words that rhyme. Two words rhyme when they have the same ending sound. The words *think* and *pink* rhyme. They both end with the "ink" sound. Poems do not have to have words that rhyme at the end of their lines. Many of them do, though.

Two lines of poetry that rhyme with each other at the end are called a rhyming couplet. Writing rhyming poetry can be difficult. You need to choose words that rhyme. You also have to choose words that have meaning. Even though some poems are short, you have to think extra long about which words to choose.

Here is an example of a short rhyming poem:



He was only a bug, but he was the **king**.
She smiled at him when he gave her a **ring**.
He forgot to be careful of one little **thing**.
His queen was a bee, and she could **sting**!

Answer the following questions. Don't forget to go back to the passage whenever necessary to find or confirm your answers.

Poetry Uses Rhyme

1) What does it mean when two words rhyme?

2) Identify two words on this page that rhyme with each other.

3) Why is poetry sometimes hard to write?

4) Do all poems have to rhyme?

5) Add two more rhyming lines to the poem:



Towheed International School

Subject: English OL (Nowrooz Homework)

Date: / / 2014-15

Name: _____

Grade: 7, Section A , D

Directions: Read the following poem. Then answer the questions that follow:

Children of the Wind

On the shores of Lake Michigan
high on a wooden pole, in a box,
two purple martins had a home
and taken away down to Martinique
5 and let loose, they flew home,
thousands of miles to be home again
And this has lights of wonder
echo and pace and echo again.

The birds let out began flying
10 north north-by-west north
till they were back home.
How their instruments told them
of ceiling, temperature, air pressure,
how their control-boards gave them
15 reports of fuel, ignition, speeds,
is out of the record, out.

Across spaces of sun and cloud,
in rain and fog, through air pockets,
wind with them, wind against them,
20 stopping for subsistence rations,
whirling in gust and spiral,
these people of the air,
these children of the wind,
had a sense of where to go and how,
25 how to go north north-by-west north,
till they came to one wooden pole,
till they were home again.

"Children of the Wind," from *The People, Yes* by Carl Sandburg.
Copyright © 1936 by Harcourt, Inc.

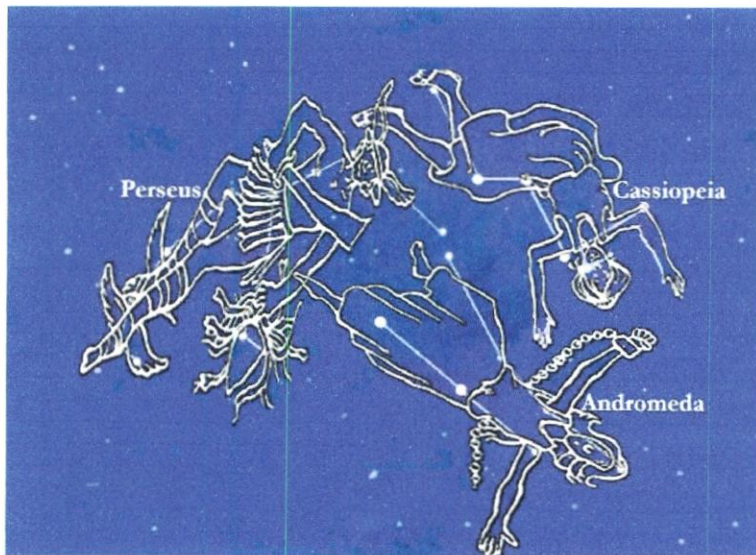
1. **To which sense does the imagery in lines 1–3 appeal?**
A. sound B. taste C. touch D. sight
2. **What is the best paraphrase (restatement) of lines 9–11?**
A. The two birds flew back to Martinique.
B. Both birds are called purple martens.
C. The freed birds traveled steadily home.
D. Lake Michigan is far from Martinique.
3. **The repetition in line 10 emphasizes the**
A. size of Lake Michigan
B. distance that the martins must travel
C. echoes that the martins create
D. strength of the wind
4. **Which word or phrase uses onomatopoeia to describe the sound of the wind?**
A. air pockets B. against them C. whirling D. stopping
5. **Which choice best summarizes (sums up the main points of) the poem?**
A. Two birds mysteriously found their way home, thousands of miles away.
B. Two birds called purple martins lived next to Lake Michigan.
C. Martinique and Lake Michigan are thousands of miles apart.
D. Two birds flew through different kinds of weather.



DIRECTIONS: Read this selection and answer the questions that follow.

Cassiopeia *Retold by Alice Low*

1. Cassiopeia, wife of King Cepheus of Ethiopia, boasted to the sea nymphs, "I and my daughter, Andromeda, are far more beautiful than you. You are plain next to us."
2. The lovely sea nymphs swam to Poseidon, god of the sea, to tell him about Cassiopeia's insult. "You must punish Cassiopeia," they said. "She must not get away with such boasting."
3. Poseidon acted quickly. He sent a huge and hungry sea monster to Ethiopia to devour scores of King Cepheus's people.
4. King Cepheus was distraught, and he asked an oracle, "What must I do to rid my country of this ferocious monster?"
5. The oracle replied, "Chain your daughter, Andromeda, to a rock by the sea. Leave her there for the sea monster to feast upon. Only in this way shall you be rid of it."
6. To his wife's despair, King Cepheus did as he was told, and poor Andromeda awaited her fate, chained and helpless. But as the sea monster was about to devour her, the hero Perseus flew overhead in Hermes' winged sandals. Just in time, he landed on the monster's back and thrust his sword into it repeatedly. After a raging battle, Perseus killed the monster and carried away the lovely Andromeda, who became his bride.



7. Perseus and Andromeda lived happily together, but the sea nymphs never forgot Cassiopeia's insult. Many years later, when Cassiopeia died, the sea nymphs again begged Poseidon to punish her.

8. This time Poseidon did so by setting Cassiopeia in the north sky in a most uncomfortable position. She sits in a high-backed chair that looks like a *W*—but during the part of the year, the chair hangs upside down.

9. Near Cassiopeia, Athena placed the constellation Andromeda, and Andromeda's brave husband, Perseus, stands not far from her in the Milky Way. Cepheus is there, too, though dimmer, as is Cetus, the sea monster, also called the Whale.

Use "Cassiopeia" to answer the following questions.

- 1. Cassiopeia shows disrespect for a cultural value when she —**
 - A. disobeys Poseidon's orders
 - B. becomes upset with King Cepheus
 - C. rewards Andromeda with lavish gifts
 - D. insults the sea nymphs by bragging
- 2. King Cepheus chains his daughter, Andromeda, to a rock by the sea in order to —**
 - A. save Cassiopeia
 - B. help Perseus save Andromeda
 - C. get rid of the sea monster
 - D. punish Andromeda
- 3. Which statement best summarizes paragraph 6?**
 - A. Cassiopeia is sad because Cepheus chains Andromeda to a rock.
 - B. Perseus rescues Andromeda just as the sea monster is about to eat her.
 - C. Hermes gives his winged sandals to Perseus.
 - D. Andromeda happily marries Perseus.
- 4. Why does Poseidon set Cassiopeia in an uncomfortable position in the sky?**
 - A. The sea monster will stop eating people if Cassiopeia is upside down.
 - B. Poseidon wants to punish her for insulting the sea nymphs.
 - C. Cassiopeia will be able to see her family from that position.
 - D. King Cepheus needs a warning for his false statements.
- 5. Classical myths often explain how something in the universe came to be. What natural wonder does this myth explain? Write two or three sentences to answer this question.**

1 THE PARTS OF SPEECH

WORKSHEET 7 Identifying Helping Verbs

EXERCISE Underline the verb phrase in each of the following sentences. Then, write each helping verb on the line provided.

EXAMPLE could have 1. Could you have done better?

- _____ 1. Have you read anything by the writer Margaret Atwood?
 _____ 2. Does the library rent computer programs?
 _____ 3. Mr. Shapiro has been repairing the piano all morning.
 _____ 4. All students will be responsible for their own equipment.
 _____ 5. Can an artist also be a good mathematician?
 _____ 6. Nelson Mandela has become a South African hero.
 _____ 7. Fresh carrots would be nice for dinner.
 _____ 8. Will you show me the way to the office?
 _____ 9. Few people have visited the North Pole.
 _____ 10. May we be excused from class now?
 _____ 11. Do the Girl Scouts meet at your church?
 _____ 12. Yellow would have looked better on the trim.
 _____ 13. Actress and writer Denise Chávez was born in Las Cruces,
 New Mexico.
 _____ 14. The frogs were making a terrible racket.
 _____ 15. Should I take the towels out of the dryer now?
 _____ 16. Must I study every evening?
 _____ 17. Mr. Williams might be teaching us next year.
 _____ 18. Sally Ride had become the first American woman in space.
 _____ 19. We were just talking about the computer game.
 _____ 20. Have you seen my cat in your yard?
 _____ 21. Is your friend coming to dinner?
 _____ 22. This equation has finally made sense.
 _____ 23. The package should have arrived by now.
 _____ 24. Will you join the dance?
 _____ 25. You should apologize to your friend.

1 THE PARTS OF SPEECH

WORKSHEET 12 Using Words as Different Parts of Speech

EXERCISE On the line provided, write the part of speech of the italicized word in each of the following sentences. Write *N* for noun, *PRON* for pronoun, *ADJ* for adjective, *V* for verb, *ADV* for adverb, *PREP* for preposition, *CONJ* for conjunction, or *INT* for interjection.

EXAMPLE V 1. Mother *plants* a garden every spring.

- _____ 1. Botanists study *plants*.
- _____ 2. We saw a *colorful* collage by Romare Bearden.
- _____ 3. Cool *colors* are relaxing to many people.
- _____ 4. Fill in and *color* your charts on the Sioux before next Monday.
- _____ 5. Did you bring the dog *in*?
- _____ 6. The storm raged, but we were warm *in* our little cabin.
- _____ 7. I am going for a *walk*.
- _____ 8. Chang, please *walk* the dog.
- _____ 9. *Slow* down, or you will fall off.
- _____ 10. This bus to Laredo certainly is *slow*.
- _____ 11. *Clean* your room, please.
- _____ 12. Is your room *clean*?
- _____ 13. Turn your papers *over*.
- _____ 14. I can't see *over* the fence.
- _____ 15. The park Fiesta Gardens is *close* to our house.
- _____ 16. *Close* the book about the Ming dynasty.
- _____ 17. Hurry! Your favorite show is *on*.
- _____ 18. *On* his dresser were two tickets to The Secret Garden
- _____ 19. Our train to Mexico *leaves* at noon.
- _____ 20. Did you rake up all the *leaves*?
- _____ 21. I read the book Sounder, *and* then I saw the movie.
- _____ 22. *Your* lunch is ready.
- _____ 23. Roberto's favorite sport is tennis *or* hockey.
- _____ 24. Is this pen *yours*?
- _____ 25. *Ob!* You surprised me!

HANDBOOK **1** **THE PARTS OF SPEECH**
WORKSHEET 13 **Test**

EXERCISE A Underline the nouns in the following sentences. In the space above each noun, write *C* for common noun or *P* for proper noun.

EXAMPLE 1. Unlike all the other ^{*C*} states, ^{*P*} Hawaii does not lie on the ^{*C*} mainland of ^{*P*} North America.

1. In December Derrick and his family celebrate Kwanzaa.
2. The visitor from Greece described some Greek customs.
3. Right after the accident, a skilled police officer arrived to help.
4. Her great-grandparents moved here from Puerto Rico.
5. In the newspaper, there was a story about the space shuttle.
6. Golden retrievers are a popular breed of dog.
7. "The Toaster" is an amusing poem by William Jay Smith.
8. The accident on High Street had caused huge delays.
9. Uncle Ted explained the difference between a grasshopper and a cricket.
10. Isn't Yoshiko Uchida the author of "The Bracelet"?

EXERCISE B Underline the pronouns in the following sentences. A sentence may have more than one pronoun.

EXAMPLE 1. Jody practiced her speech but did not memorize it.

1. Tony said he liked the movie even though it was rather long.
2. I didn't see anyone I knew at the game.
3. Later we treated ourselves to fruit smoothies.
4. This is the photo album my grandmother gave me.
5. Several of the students helped themselves to some egg rolls.
6. Have you found your denim jacket yet?
7. Are those the books Ms. Sanchez recommended?
8. After Tanya arranged the flowers, she placed them on the table.
9. All of the teammates were proud of their victory.
10. Neither of them had ever tasted enchiladas before.

Continued 

1 WORKSHEET 13 (continued)

EXERCISE C Underline the adjectives in the following sentences. Do not include the articles *a*, *an*, and *the*. Then, draw an arrow to the word that each adjective modifies.

EXAMPLE 1. We gazed in awe at the majestic waterfall.

1. Tam makes warm boots out of leather and wool.
2. Have you ever eaten Vietnamese soup?
3. The afternoon at the seaside was enjoyable.
4. Michelangelo is a famous artist.
5. Russian dances will highlight the performance tonight.
6. Is he good at badminton?
7. Rosa bought a new computer.
8. She keeps the diary in a secret place.
9. The paint on the steps is still wet.
10. Do not walk on the tomato seedlings!

EXERCISE D Underline the verb or verb phrase in each of the following sentences. Then, on the line provided, write *AV* if the verb is used as an action verb. Write *LV* if the verb is used as a linking verb. Circle each helping verb, if there is one.


EXAMPLES AV 1. Dad is looking for you.
LV 2. That book could become a bestseller.

- _____ 1. Should I bake the squash for an hour?
- _____ 2. The skunk beside the road really smelled bad.
- _____ 3. Homemade bread is delicious.
- _____ 4. Kathleen Dudzinski studied dolphins in the Bahamas.
- _____ 5. Did you hear the sirens last night?
- _____ 6. Shark fins sliced through the dark blue water.
- _____ 7. With the proper equipment, the band could be very good.
- _____ 8. Is Hadrian's Wall in Great Britain?
- _____ 9. Shall I call you for an appointment?
- _____ 10. The baby seems very restless tonight.

1 WORKSHEET 13 (continued)

EXERCISE E Each of the following sentences contains an adverb in italics. Draw an arrow to the word or words that the adverb modifies. In the blank provided, write the part of speech of the word modified.

EXAMPLE verb 1. Will he cut this expensive silk cloth *carefully*?



- _____ 1. I *foolishly* forgot my umbrella.
- _____ 2. Is this dress *too* big on me?
- _____ 3. You may play your radio *very* quietly.
- _____ 4. Oops! I *almost* dropped my glasses.
- _____ 5. The Yangtze Valley is China's *most* fertile region.
- _____ 6. Today, our history class began *much* earlier than usual.
- _____ 7. That last answer seemed *rather* long.
- _____ 8. Does the band *often* play this song?
- _____ 9. Sandy planted the vegetable garden *yesterday*.
- _____ 10. Our dog *almost* always eats all of its food.

EXERCISE F Underline all of the prepositions, conjunctions, and interjections in the following sentences. In the space above each underlined word, write *PREP* for preposition, *CONJ* for conjunction, or *INT* for interjection.

EXAMPLE 1. Nishi practiced for the tryouts and made the team.

PREP *CONJ*

- 1. Well, how did you like the roller coaster?
- 2. Aunt Sofia gave a talk about the life and art of Diego Rivera.
- 3. Many Pueblo Indians live in New Mexico and Arizona.
- 4. Oops! I almost stepped on the puppy's tail!
- 5. Would you like milk or grape juice with your sandwich?
- 6. Her legs were tired, yet she kept walking.
- 7. Julia dribbled right through the defense and made a layup.
- 8. Lian searched everywhere but could not find her earrings.
- 9. Throughout the school year, I look back through my writing journal.
- 10. Hooray! Michael Chang won the match!

1 WORKSHEET 13 (continued)

EXERCISE G On the line provided, write the part of speech of the italicized word or words in each sentence. Write *N* for noun, *PRON* for pronoun, *ADJ* for adjective, *V* for verb, *ADV* for adverb, *PREP* for preposition, *CONJ* for conjunction, and *INT* for interjection.

EXAMPLES INT 1. *Aba!* I found the bug in my computer program!

PRON 2. Is this *his* book?

- _____ 1. The name of Canada's *Nunavut Territory* means "our land."
_____ 2. *They* have a book about magic tricks.
_____ 3. Mr. Williams will tell us the results *soon*.
_____ 4. Malaysia's *chief* crop is palm oil.
_____ 5. Your order will arrive in two *or* three weeks.
_____ 6. *After* dinner, we can play checkers.
_____ 7. *Return* your bus passes to Mrs. Mizumura.
_____ 8. *Ouch!* Those cactus thorns really hurt!
_____ 9. The Columbia River flows into the *sea*.
_____ 10. A *narrow* ledge circled the building.
_____ 11. The new student council representative will be *he*.
_____ 12. I have *never* watched that show.
_____ 13. Tenzing Norgay *and* Sir Edmund Hillary climbed Mount Everest in 1953.
_____ 14. Don set the table *for* dinner.
_____ 15. Puppets danced *merrily* to the flute music.
_____ 16. *Did* you *close* the refrigerator door?
_____ 17. The road *narrowed* at the entrance to the woods.
_____ 18. You didn't sound *nervous* to me.
_____ 19. *Meatballs* are on the menu today.
_____ 20. People in India celebrate Divali, an *annual* festival.
_____ 21. *Goodness*, there was a large crowd at the soccer game.
_____ 22. Our neighbors began *their* vacation this morning.
_____ 23. The pilot landed the plane *safely*.
_____ 24. How many glasses and plates do you need *for* the guests?
_____ 25. We wore our hats and jackets, *for* a cold wind was blowing.

Writing Equations

Translate each sentence into an equation. Then find each number.

1. Eight less than 7 times a number is -29 .
2. Twenty more than twice a number is 52.
3. The difference between three times a number and 11 is 10.
4. One more than the difference between 18 and seven times a number is -9 .
5. Eight times a number plus 6 less than twice the number is 34.
6. 26 more than the product of a number and 17 is -42 .
7. Twelve less than the quotient of a number and 8 is -1 .

Solve each problem by writing and solving an equation.

8. **ANIMAL TRAINING** Last summer, Gary trained 32 more dogs than Zina. Together they trained 126 dogs. How many dogs did Gary train?
9. **SALES** Julius sold five times as many computers as Sam sold last year. In total, they sold 78 computers. How many computers did Julius sell?
10. **TRACK** In one season, Ana ran 18 races. This was four fewer races than twice the number of races Kelly ran. How many races did Kelly run?
11. **BASEBALL** André hit four more home runs than twice the number of home runs Larry hit. Together they hit 10 home runs. How many home runs did André hit?
12. **FUNDRAISING** The sixth grade has collected \$116 for a local animal shelter. Their goal is to collect \$500. They have 3 weeks left. How much money must they collect each week?

Representing Linear Functions

Find four solutions of each equation. Write the solutions as ordered pairs.

1. $y = 8x - 4$

2. $y = -x + 12$

3. $4x - 4y = 24$

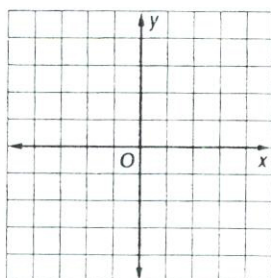
4. $x - y = -15$

5. $y = 7x - 6$

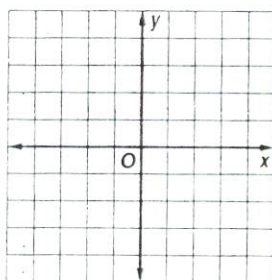
6. $y = -3x + 8$

Graph each equation by plotting ordered pairs.

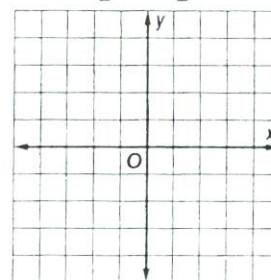
10. $y = 3x - 2$



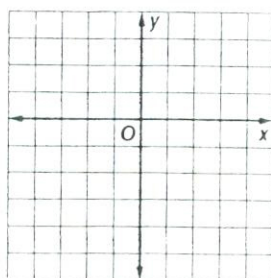
11. $y = -x + 3$



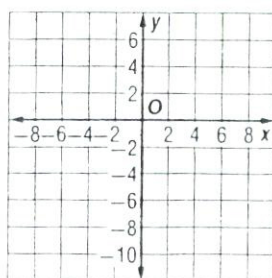
12. $y = -\frac{1}{2}x + \frac{3}{2}$



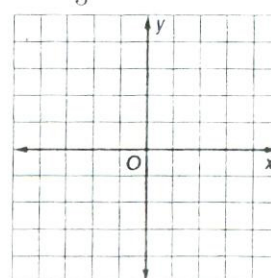
13. $y = -2x - 5$



14. $y = 4x - 8$



15. $y = \frac{2}{3}x - 2$



Inequalities

Write an inequality for each sentence.

1. More than 100,000 fans attended the opening football game at The Ohio State University.
2. Her earnings at \$16 per hour were no more than \$96.
3. A savings account decreased by \$50 is now less than \$740.
4. A number increased by 7 is at least 45.

For the given value, state whether each inequality is *true* or *false*.

5. $\frac{18}{c} < 9, c = 2$

6. $\frac{x}{5} \geq 3, x = 5$

7. $6k \geq 42, k = 7$

8. $10 - x < 3, x = 7$

9. $11 + n < 32, n = 4$

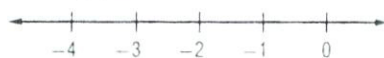
10. $9 + c > 19, c = 10$

Graph each inequality on a number line.

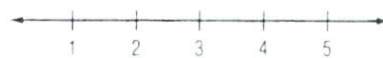
11. $a < 6$



12. $t \geq -2$



13. $d \leq 3$



14. $b \geq 10$



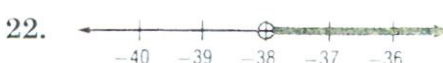
15. $x \geq -7$



16. $x > 2$



Write the inequality for each graph.



Solving Two-Step Equations

Solve each equation. Check your solution.

1. $6p + 22 = 10$

2. $\frac{r}{3} - 4 = 2$

3. $5d - 9 = -24$

4. $21q - 11 = 10$

5. $\frac{v}{-6} + 1 = 0$

6. $7h + 20 = -8$

7. $8k - 40 = 16$

8. $\frac{w}{2} - 16 = 5$

9. $\frac{s}{4} - 5 = 1$

10. $\frac{x}{8} + 7 = 9$

11. $\frac{z}{10} - 20 = -20$

12. $\frac{r}{-2} + 11 = 15$

13. $9q + 10 = 118$

14. $\frac{n}{5} - 4 = -10$

15. $6w - 125 = 1$

16. $\frac{r}{3} - 16 = 2$

17. $9y - 11 - 5y = 25$

18. $20 - 15d = 35$

19. $\frac{u}{-9} - 8 = -4$

20. $-6h + 4 - 3 + h = 11$

21. $5p - 4p = 7$

22. $18 - \frac{x}{3} = -7$

23. $21 + 9j - 10 = -277$

24. $12b - 9 + 2b - b = -87$

25. $1 + \frac{a}{-9} - 4 = 0$

26. $4w - w - 26 = 19$

27. $5 - 4y + y - 1 = -23$

28. RENTAL AGREEMENTS A furniture rental store charges a down-payment of \$100 and \$75 per month for a table. Hilde paid \$550 to rent the table. Solve $75n + 100 = 550$ to find the number of months Hilde rented the table.

29. BUSINESS At work, Jack must stuff 1000 envelopes with advertisements. He can stuff 12 envelopes in one minute, and he has 112 envelopes already finished. Solve $1000 = 12n + 112$ to find how many minutes it will take Jack to complete the task.