

Grade 5: Week 4

Your Name:

	Mon	Tues	Wed	Thurs	Fri
Reading	20 min Parent initial_____	20 min Parent initial_____	20 min Parent initial_____	20 min Parent initial_____	20 min Parent initial_____
ELA	Spelling pg 165	• Spelling pg 166	• Prefixes: dis- non- un-	Prefixes: Over- Under-	• Catch up on any unfinished work from the week
Math	• Math 4 today row 1	• Math 4 today row 2 •	• Math 4 today row 3 •	• Math 4 today row 4 •	• A secret message (front and back)
Soc. Stu.	<ul style="list-style-type: none"> States and capitals for Southwest region Statehood (the date each state became a state) for all 50 states 				
Science	<ul style="list-style-type: none"> Read and complete questions for lesson 4 pages 176-178 				
PE	see link from Ms. Topher	see link from Ms. Topher	see link from Ms. Topher	see link from Ms. Topher	see link from Ms. Topher

Need Help??? Visit our office hours!

Mrs. Nylander	<ul style="list-style-type: none"> I am available by email any time. jnylander@tusd.net I will be checking and responding to emails every day from 9:30-11:30 10-11 zoom video chat https://zoom.us/j/519549289?pwd=enFVbWQ0bHc4T2tyOEN1QnA4WXoxZz09 password: 025740 10-11 zoom phone call <ol style="list-style-type: none"> call (415) 762-9988 enter meeting ID: 519 549 289# enter password: 025740 Visit my website for extra helpful resources. http://nylanderandsomogyi.weebly.com/
Ms. Somogyi	<ul style="list-style-type: none"> I am available by email any time. jsomogyi@tusd.net I will be checking and responding to emails every day from 9:30-11:30 10-11 zoom video chat https://zoom.us/j/338311337?pwd=bVByWU9tNWRuTFBMVEIPSmZEbW1wdz09 password: 029838 10-11 zoom phone call <ol style="list-style-type: none"> call (415) 762-9988 enter meeting ID: 338 311 337# enter password: 029838 Visit my website for extra helpful resources. http://nylanderandsomogyi.weebly.com/

Check here to turn in to Mrs. Nylander

Check here to turn in to Ms. Somogyi

Name _____

clothes	lunar	fury	gigantic	parasol
January	atlas	echo	Olympics	fortune
cereal	ocean	cycle	territory	furious
strength	salute	cyclone	terrace	gracious

Write the spelling words that contain the matching number of syllables.

one syllable

1. _____

2. _____

two syllables

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

three syllables

14. _____

15. _____

16. _____

17. _____

18. _____

four syllables

19. _____

20. _____

Name _____

clothes	lunar	fury	gigantic	parasol
January	atlas	echo	Olympics	fortune
cereal	ocean	cycle	territory	furious
strength	salute	cyclone	terrace	gracious

A. Write the spelling word that matches each definition below.

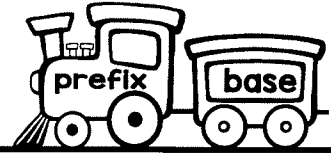
- | | |
|---------------------------------------|---|
| 1. rage; great anger
_____ | 7. first month of the year
_____ |
| 2. repeated sequence
_____ | 8. give a sign of respect
_____ |
| 3. book of maps
_____ | 9. repeat
_____ |
| 4. area of land
_____ | 10. international games
_____ |
| 5. breakfast food
_____ | 11. large body of water
_____ |
| 6. garments worn on the body
_____ | 12. having to do with the moon
_____ |

B. Write the spelling word that best completes each analogy.

13. *Stone* is to *rock* as *hurricane* is to _____.
14. *Mean* is to *kind* as *rude* is to _____.
15. *Muffler* is to *scarf* as _____ is to *umbrella*.
16. *Health* is to *well-being* as _____ is to *riches*.
17. *Porch* is to _____ as *basement* is to *cellar*.
18. *Power* is to _____ as *force* is to *might*.
19. _____ is to *angry* as *relaxed* is to *calm*.
20. _____ is to *huge* as *tiny* is to *small*.

Name _____ Date _____

Prefixes: dis- non- un-



A prefix is a word part that is added to the front of a base word to change the meaning of that word. More than one prefix may mean the same thing.

Examples:

The prefixes *dis-*, *non-*, and *un-* mean "not" or "the opposite of"

dis + approve = disapprove (not approve)

non + toxic = nontoxic (not toxic)

un + happy = unhappy (not happy)

A. Add the correct prefix to the front of each base word to make a new word.

dis- non- un-

- | | |
|-----------------|-------------------|
| 1. zip _____ | 6. pleasant _____ |
| 2. honest _____ | 7. stop _____ |
| 3. fat _____ | 8. respect _____ |
| 4. agree _____ | 9. fair _____ |
| 5. ripe _____ | 10. obey _____ |

B. Use the words you made above to complete each sentence.

- Haley knew it was _____ to copy her sister's homework.
- Luke could not _____ his jacket.
- Claire ate some _____ yogurt before going for a run.
- Gloria did not tolerate _____ from anyone.
- Phil worked _____ on his project.
- Cameron and Mitchell _____ about everything.
- Jay had an _____ time at the party.
- Manny would never _____ his mother.
- Lily ate the banana even though it was still _____.
- Alex felt her teacher was being _____.

Name _____

Date _____

Prefixes: over- under-



A prefix is a word part that is added to the front of a base word to change the meaning of that word. A prefix may have more than one meaning.

Examples:

The prefixes **over-** means "above" or "too much"

The prefix **under-** means "beneath" or "not enough"

over + pass = overpass (pass above) over + cook = overcook (cook too much)

under + arm = underarm (beneath the arm) under + paid = underpaid (not paid enough)

Add the prefix *over* or *under* to each base word below the line to complete each sentence.

1. Carol tried not to _____, but everything tasted so good!
eat

2. Cindy carefully _____ each of her spelling words.
lined

3. The chicken was dry and tough because Alice had _____ it.
cooked

4. Mike put on his _____ before he left for work.
coat

5. Peter could not find the baseball in the _____.
brush

6. Greg _____ and missed his math test.
slept

7. Jan felt _____ by her beautiful sister.
shadowed

8. Bobby could hold his breath and stay _____ for 45 seconds.
water

9. Marcia's library book about cheerleading is _____.
due

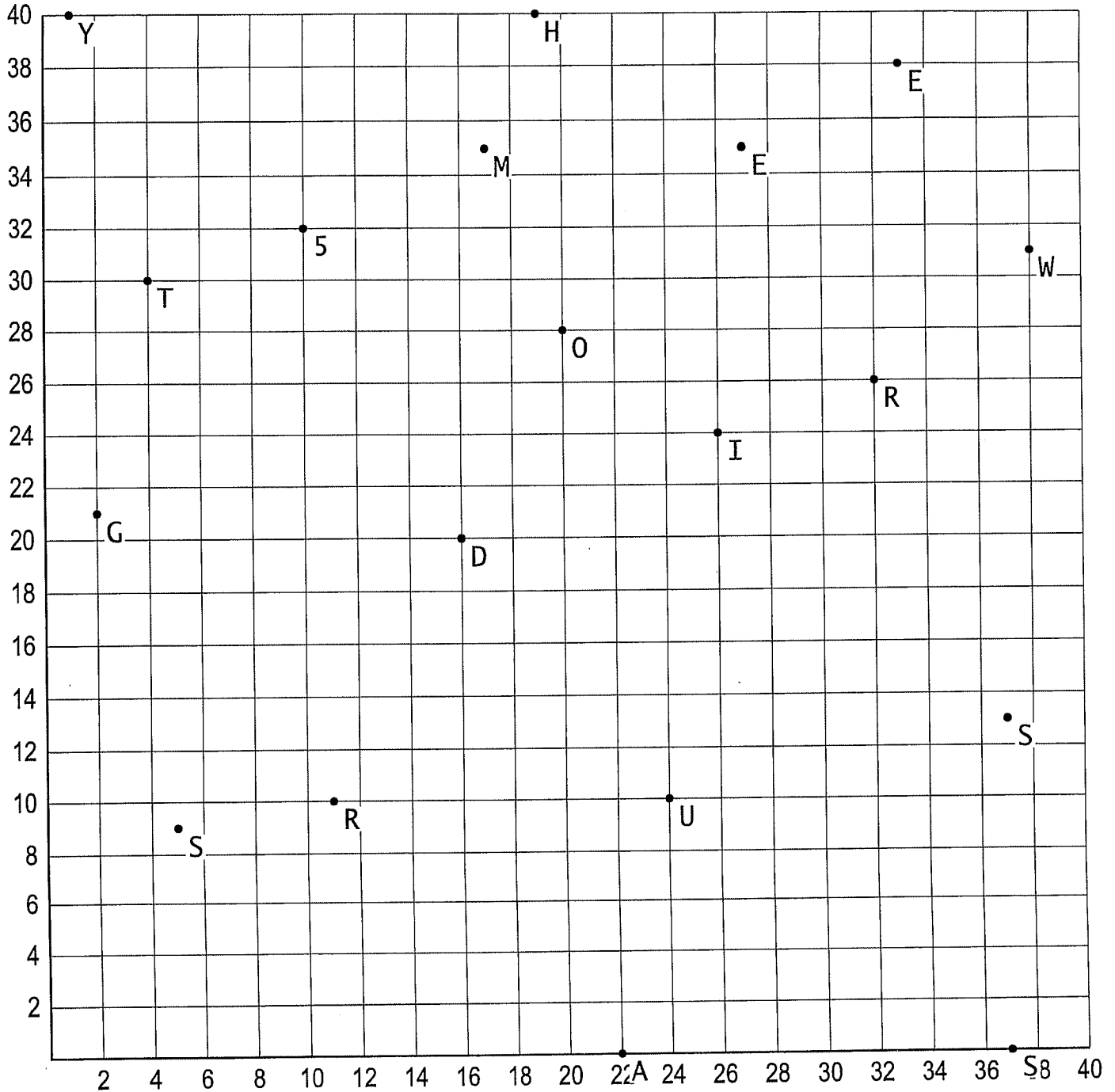
10. Sam never _____ his friends when they came to his shop.
charged

A Secret Message

Name: _____ Date: _____



Fill in the boxes with the letters of the points identified by each pair of coordinates.
When you have them all filled in, they will reveal a secret message!



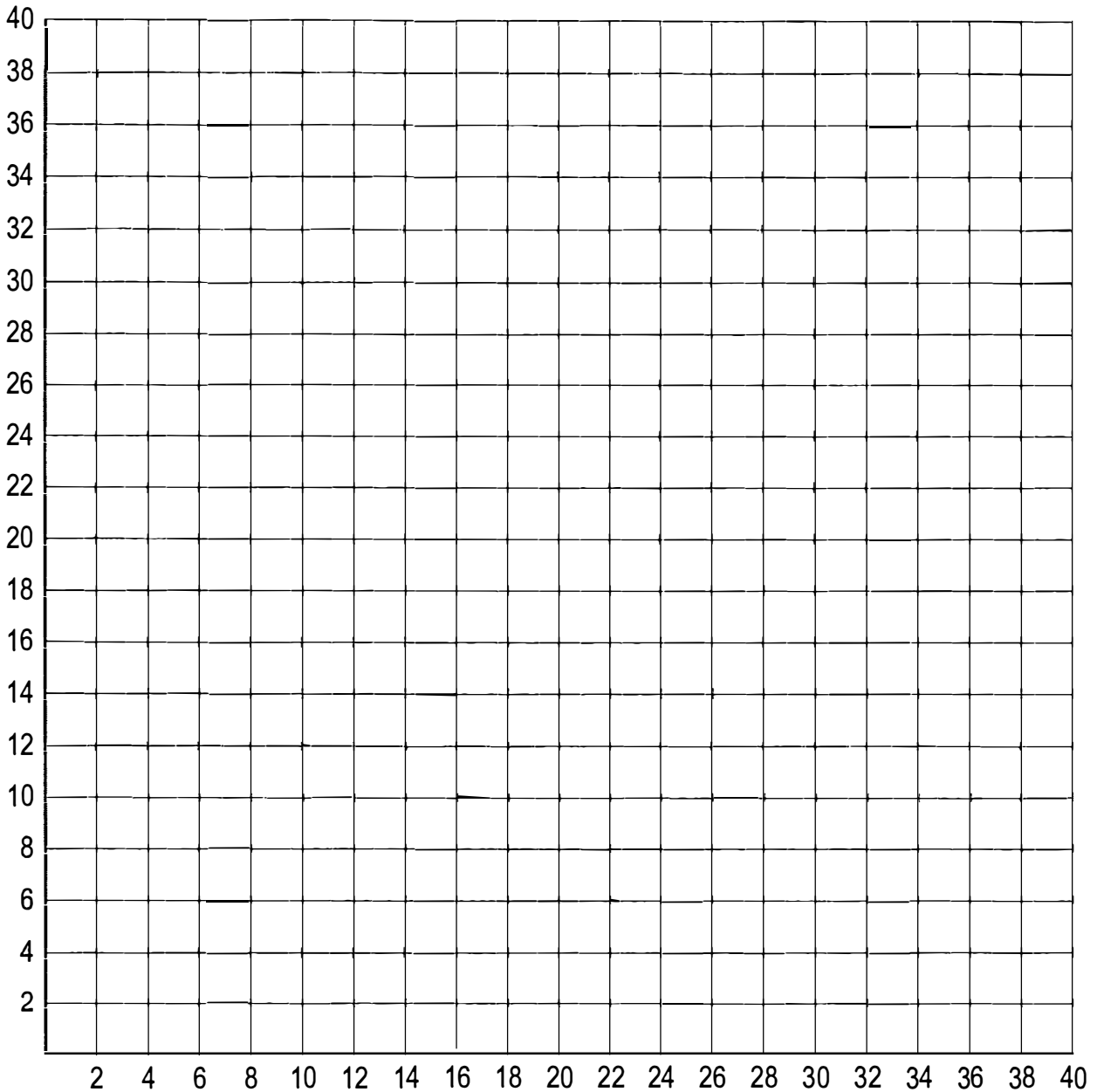
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- (38, 31) (27, 35) (17, 35) (26, 24) (37, 0) (37, 13) (1, 40) (20, 28) (24, 10) (10, 32) (4, 30) (19, 40) (2, 21) (11, 10) (22, 0) (16, 20) (33, 38) (32, 26) (5, 9)

A Secret Message

Name: _____ Date: _____



Connect each series of points with lines to reveal a secret message.



(4,22) (0,22) (0,30) (4,30) (40,26) (36,26) (36,30) (40,30) (40,26) (38,22)
 (8,16) (12,16) (14,16) (18,16) (20,22) (20,30) (18,30) (22,30)
 (18,22) (22,22) (30,28) (32,30) (32,22) (30,16) (26,12) (30,8)
 (2,8) (6,8) (6,12) (2,12) (2,16) (6,16) (6,22) (6,30) (10,30) (10,22) (6,22)
 (20,8) (20,16) (24,8) (24,16) (24,22) (24,30) (26,30) (28,26) (26,22) (24,22)
 (32,8) (36,8) (36,12) (32,12) (32,16) (36,16) (12,30) (14,22) (16,30)
 (16,8) (16,16) (10,16) (10,8) (26,8) (26,16) (14,8) (18,8)

30,000 + 7,000 +
200 + 3 =



37,230



372,003



30,702,003

37,203

Write **C** if the pair of figures is congruent. Write **S** if the pair is similar.

_____  

_____  

_____  

Neva bought 3 packages of gum. Each package has twelve pieces. How can Neva share the gum with 8 of her friends so that she and her friends each get the same number of pieces?

$$\begin{array}{r} 15 \\ \times 75 \\ \hline 6,247 \\ + 4,788 \\ \hline \end{array}$$

Add or subtract. Simplify.

$$\frac{5}{12} + \frac{4}{12} = \frac{\quad}{\quad}$$

$$\frac{8}{13} - \frac{5}{13} = \frac{\quad}{\quad}$$

$$\frac{12}{32} + \frac{12}{32} = \frac{\quad}{\quad}$$

The **range** of a group of numbers is the difference between the least and the greatest number in the group.

The **median** of a group of numbers is the middle number when the group is arranged from least to greatest. Example:
5, 12, 15, 21, 25
range = 25 - 5 = 20; median = 15

For 8, 5, 3, 20, 2
the range = _____
the median = _____

Janette bought nail polish for \$3.89, 2 tubes of lip gloss for \$2.49 each and perfume for \$9.22. The total after tax was \$19.54. How much tax did Janette pay on the items she bought?

2, 9, 23, 51, 107

What is the rule for the above pattern?

Some of the largest Earth Filled Dams measured in cubic yards

Tarbela	186,000,000
Oahe	92,000,000
Cornelia	274,026,000
Pati	261,590
Atatürk	110,522

List the names of the dams in order of size from least to greatest. (Show your answers on the back of this sheet.)
1=least, 5=greatest

Use $>$, $<$, or $=$.

24 inches 3 feet

9 feet 3 yards

36 inches 1 yard

10 feet 2 yards

Which numeral is read **two hundred seventy-five million, nine hundred thousand, forty-six**?

275,900,046

275,946

200,759,460

Solve.

$$5 \overline{)4,525}$$

$$9 \overline{)7,245}$$

Margie's Gift Wrapping

Sept.

Oct.

Nov.

Dec.

each = 50 gifts wrapped

How many gifts were wrapped in October? _____

How many gifts were wrapped in September? _____

Use the graph to the left.

How many gifts were wrapped during all four months? _____

How many more gifts were wrapped in November and December than were wrapped in September? _____

How many more would be needed to show 250 gifts wrapped in October? _____

What is 675,789 rounded to the nearest thousand?

700,000

676,000

680,000

674,000

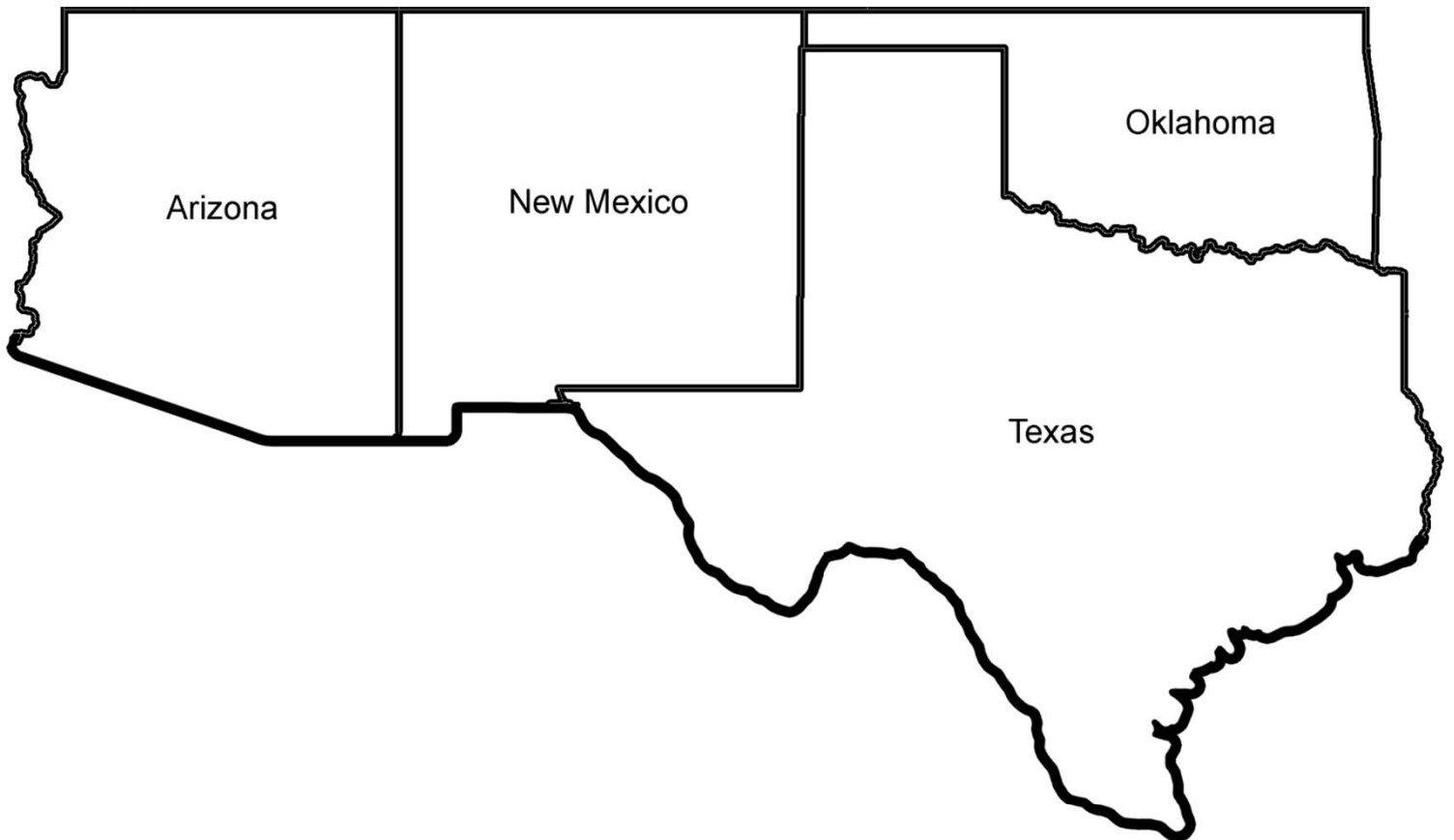
Shane spent \$25.00 on vacation souvenirs. His mother spent \$40.00, and his dad spent \$30.00. Judy, Shane's sister, spent more than Shane and Dad but less than Mother. Which could be true?

Judy spent \$45.00

Judy spent \$32.00

Judy spent \$29.00

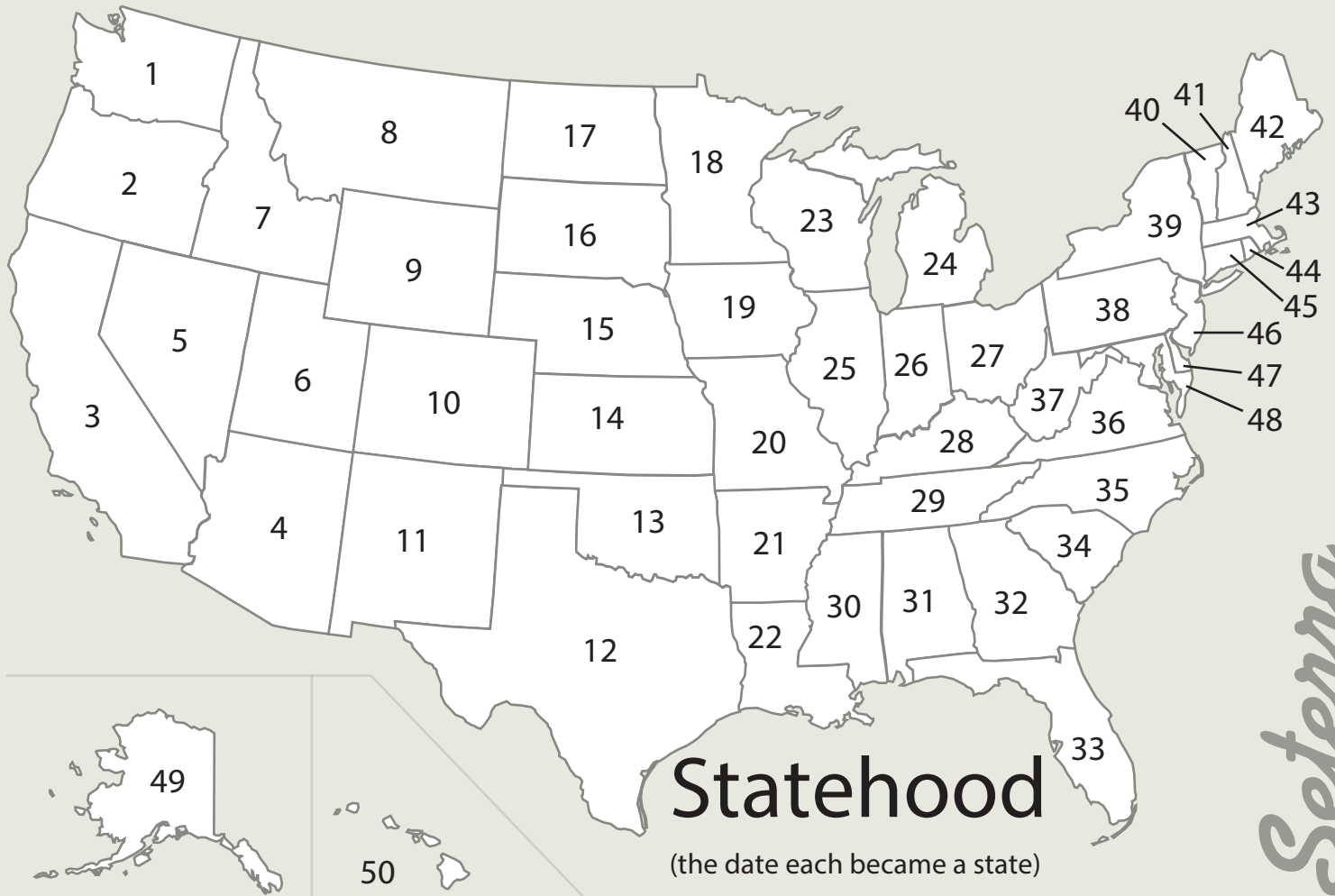
The Southwest Region of the United States of America



On the map, write the abbreviation of each state. Complete the following list with each state capital.

Arizona -
New Mexico -
Texas -
Oklahoma -

THE UNITED STATES OF AMERICA



1	_____	11	_____	21	_____	31	_____	41	_____
2	_____	12	_____	22	_____	32	_____	42	_____
3	_____	13	_____	23	_____	33	_____	43	_____
4	_____	14	_____	24	_____	34	_____	44	_____
5	_____	15	_____	25	_____	35	_____	45	_____
6	_____	16	_____	26	_____	36	_____	46	_____
7	_____	17	_____	27	_____	37	_____	47	_____
8	_____	18	_____	28	_____	38	_____	48	_____
9	_____	19	_____	29	_____	39	_____	49	_____
10	_____	20	_____	30	_____	40	_____	50	_____

What Keeps Planets in Their Orbits?

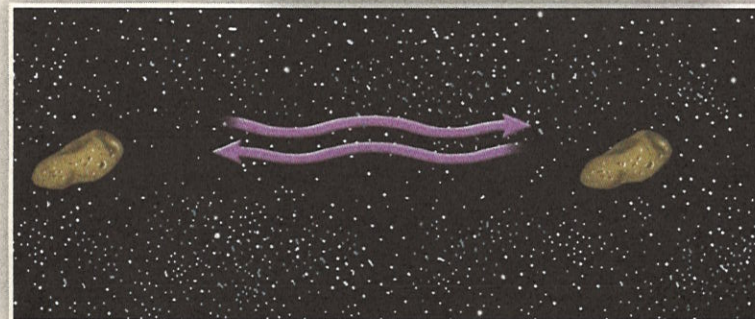
The path of a planet around the Sun is caused by gravity.

Gravitation

The force that causes objects to fall to Earth is called gravitation. Gravitation is the pull of any two objects toward each other. Every object in the universe pulls on every other object.

The gravitational pull between Earth and objects near its surface is called **gravity**. The term *gravity* can be used for all bodies in space.

The Force of Gravitation



Left alone in space, two large rocks would gravitate toward each other.



Near Earth, however, objects with small mass fall toward Earth without Earth moving toward them.

VOCABULARY

gravity the gravitational attraction of Earth, or any massive body in space, on objects at or near its surface. (*noun*)

VOCABULARY SKILL: Antonyms and Synonyms

You can use your knowledge of a familiar word to understand a word with the opposite meaning. *Contact* means "to touch." The prefix *non-* means "not." A *noncontact force* is a force that acts on something without touching it. What type of force is gravity?



The strength of gravity depends on the size of the objects and their distance from each other. For example, if the Sun were twice as big, the gravitational force on Earth would be twice as strong. If Earth were closer to the Sun, the pull also would be stronger.

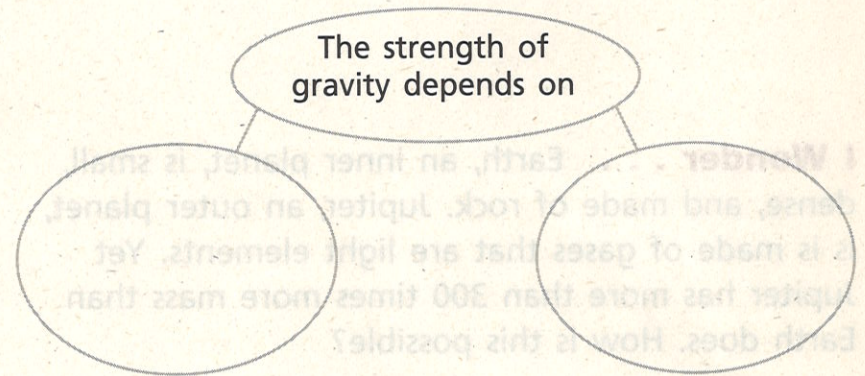
Gravity is a weak force unless the objects are very large. If you hold two pencils nearby, they will pull toward each other. But you do not feel it because they are so small. Now drop them. They both fall to the floor. They do so because they are pulled by the huge mass of Earth. Earth pulls on the pencils much harder than they pull on each other.



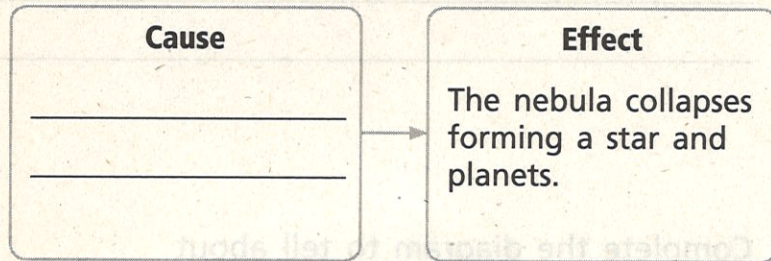
When you drop two objects, they go toward the ground and not each other.

1. What is gravitation?

2. Complete the diagram to tell about gravitational force.



3. Complete the diagram to show how the nebula that formed our solar system collapsed.



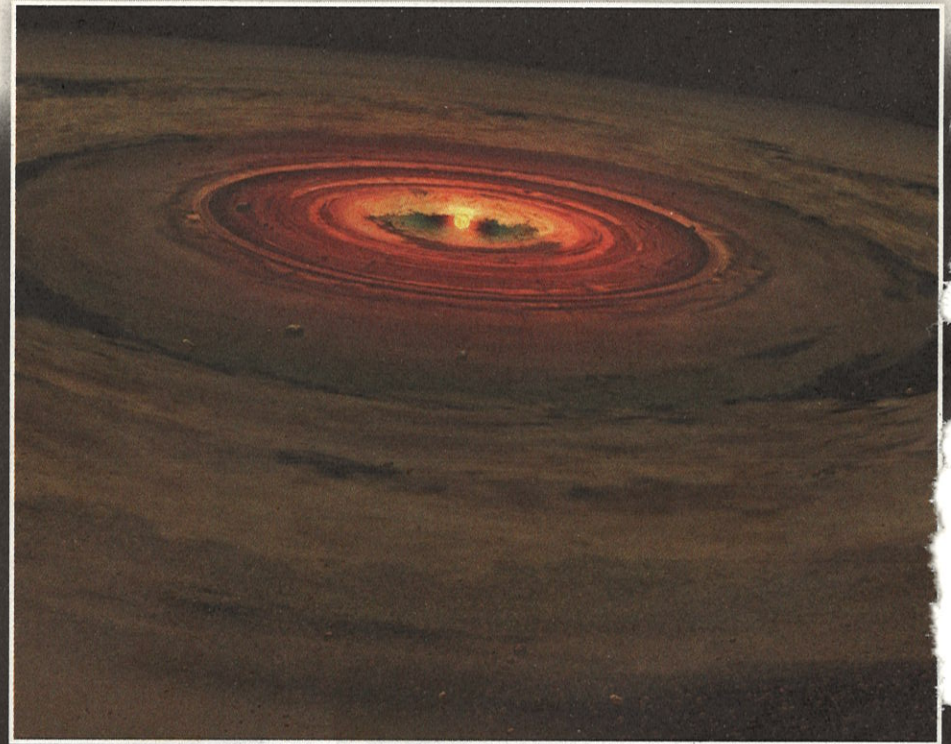
I Wonder . . . Earth, an inner planet, is small, dense, and made of rock. Jupiter, an outer planet, is made of gases that are light elements. Yet Jupiter has more than 300 times more mass than Earth does. How is this possible?

Formation of the Solar System

Gravity helped make our solar system. The force of gravity collapsed the cloud of gas and dust, called a nebula, into a star and planets.

The inner planets became dense and rocky because where they formed was very hot. All of the light elements were changed to a gas, or vaporized away.

The outer planets formed where it was cool. They were made of ice, gas, and dust. The temperature was right for them to become gas giants.



Over billions of years, the force of gravity collapsed a nebula into the solar system.