

Grammar

1 Write questions for the answers below. Use *how* and adjectives in the box to help you. (3 points each)

far strong long small high

1. *How high can a kangaroo jump?*
A kangaroo can jump 44 feet.
2. _____
A bumblebee bat is the size of a penny.
3. _____
A rhinoceros beetle can lift 850 times its own weight.
4. _____
A chameleon's tongue is as long as its body.
5. _____
An owl can hear up to half a mile away.

2 Complete the chart with the comparative and superlative of the adjectives given. (1 point each)

Adjective	Comparative	Superlative
large	<i>larger</i>	
easy		
good		
soft		
cold		
boring		
careful		

3 Write sentences using the comparative or superlative of the adjectives in the cues. (3 point each)

1. a yacht / expensive / a car
A yacht is more expensive than a car.
2. Mt. McKinley / high / mountain in the United States

3. the moon / small / the earth

4. an anteater's nose / sensitive / a man's nose

5. exercising / healthy / eating junk food

6. Jupiter / large / planet in the solar system

Vocabulary

4 Complete the questions and answers with the words from the box. (1 point each)

distance speed hundred size kilometers weighs length million

1. What's the *length* of time that it takes the earth to move around the sun?
2. It takes more than three _____ days. It's about 365 days.
3. What's the _____ between the earth and the sun?
4. It's about 93 _____ miles away.
5. Do you know the _____ of the earth? Is it bigger than Mars?
6. Mars is a little more than half the size of the earth. It _____ lighter, too.
7. What's the _____ of light?
8. It's close to 300,000 _____ per second or 186,00 miles per second.

Communication

5 Put the dialogue in the correct order. (1 point each)

- a. 3 Comets are cool! Do you know anything about them?
- b. _____ Well, you know more than I do. Why don't we do more research on comets?
- c. _____ Why don't we do a project on comets?
- d. _____ What should we do for our science project this year?

- e. ____ I only know they're made of ice, gas, and dust.
- f. ____ Let's go to the library and start our research right now.

Reading

6 Read the text and correct the statements below. Use complete sentences. (3 points each)

Jack Hill, an astronomer at New Mexico's Los Alamos National Laboratory was worried. So was the rest of the world, and with good reason. Astronomer Brian Marsden had just announced that a newly discovered asteroid was headed for earth and might pass as close as 48,000 kilometers in 2028. He said that the chance of a collision was small, but not impossible.

Just a day after this announcement, new data and new calculations showed that the asteroid would miss the earth by a comfortable distance of 1 million kilometers.

1. Jack Hill was worried because a comet had collided with earth.
Jack Hill was worried because an asteroid might collide with earth.
2. An old asteroid was headed for earth.

3. According to Marsden, there was a great chance of a collision.

4. New data showed that the asteroid would pass 1,000 kilometers from the earth.

Writing

7 Complete the following paragraph by using the correct form of the verbs in the box. (1 point each)

carry	shine	grow	
mean	go	need	refer

Asteroids are clumps of material, mostly rock, that ¹ go around the sun. The word asteroid ² _____ "like a star." They ³ _____ like stars through a telescope. Some scientists ⁴ _____ to asteroids as "minor planets" because they ⁵ _____ carbon compounds and water. These are the same chemicals that plants and animals ⁶ _____ to ⁷ _____ on earth.

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