

Grammar

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

| | | |
|-------------|--------------|-------------|
| <i>far</i> | <i>heavy</i> | <i>high</i> |
| <i>long</i> | <i>deep</i> | |

- How long is your pet anaconda?
My pet anaconda is 16 feet long.
- _____ A blue whale's call can reach 1,000 miles away.
- _____ An elephant seal can dive 4,000 feet to look for food.
- _____ The Atlantic salmon can jump 15 feet in the air.
- _____ A baby sperm whale can be as heavy as a truck.

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

| Adjective | Comparative | Superlative |
|-----------|---------------|-------------|
| large | <i>larger</i> | |
| light | | |
| cheap | | |
| narrow | | |
| clean | | |
| beautiful | | |
| expensive | | |

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

- a yacht / expensive / a car
A yacht is more expensive than a car.
- Mercury / near / planet to the sun

- silver / cheap / gold

- brown rice / good for your health / white rice

- the tree sloth / slow / mammal on earth

- a cheetah / fast / a horse

Vocabulary

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

| | | | |
|-------------------|---------------|----------------|----------------|
| <i>distance</i> | <i>speed</i> | <i>hundred</i> | <i>size</i> |
| <i>kilometers</i> | <i>weighs</i> | <i>length</i> | <i>million</i> |

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

Communication

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

- 4 Not much, but we can search for information from the Internet.
- _____ Why don't we do something about asteroids?
- _____ The Internet is a good place to start. What about encyclopedias?
- _____ What should we do for our science project this year?

- e. ____ They're very good resources, too. Let's start with the encyclopedias in the library.
- f. ____ I like that idea. What do you know about asteroids?

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 an asteroid had collided with earth.

2. The asteroid could pass the earth in 2018.

3. It could pass as close as 4,800 kilometers.

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)

| | | |
|-------------|-------------|------------------|
| <i>have</i> | <i>look</i> | <i>be</i> |
| <i>mean</i> | <i>go</i> | <i>need call</i> |

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

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