



Science Exam  
Sixth Grade A/B  
IV Trimester

Name: \_\_\_\_\_ Score: \_\_\_\_\_

- Fill in the blanks. Write the correct answer.

It is a movement of energy from one place to another: \_\_\_\_\_

Are waves that consists of vibrating electric and magnetic fields: \_\_\_\_\_

It is how fast a wave oscillates: \_\_\_\_\_

It is a back and forth motion that repeatedly follows the same path: \_\_\_\_\_

It is whatever carries a wave: \_\_\_\_\_

- Choose the correct answer.

It is the scientist who paved the way for our modern understanding of light when he discovered that white light is made of many colors:

a) Galileo                    b) Sir Isaac Newton

Are waves that consist of vibrating electric and magnetic fields:

a) Wave Medium            b) Electromagnetic Wave

It is the length of one complete cycle or wave of oscillation, measured from crest to crest or trough to trough:

a) Wave                    b) Wavelength

It is the first astronomer to make extensive use of a telescope in his study of the heavens:

a) Galileo                    b) Sir Isaac Newton

It is the bending of any wave's direction at the boundary between two wave media:

a) Reflection                b) Refraction

- Enumerate

Name two instruments of astronomy:

1) \_\_\_\_\_ 2) \_\_\_\_\_

Name two colors of the visible spectrum:

1) \_\_\_\_\_ 2) \_\_\_\_\_

Name two types of telescopes:

1) \_\_\_\_\_ 2) \_\_\_\_\_

- Answer the following questions.

Who is the scientist who developed the reflecting telescopes?

A: \_\_\_\_\_

Which device splits light into a spectrum for analysis?

A: \_\_\_\_\_