

Word Problems

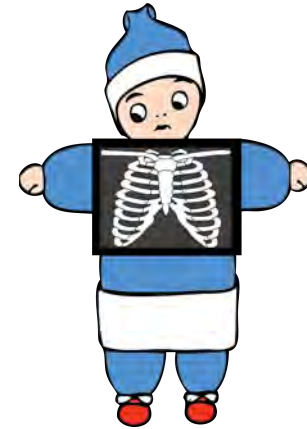


1. Earth is approximately 93,000,000 miles from the sun. Express this distance in miles in scientific notation.

9.3×10^7 miles

2. The wavelength of an X-ray is 0.00000009 cm. Express this length in centimeters in scientific notation.

9.0×10^{-8} cm



Email your answers to
Teacher Larry at
larry@raffety.net
before next class.
Make sure your student
number is in the subject line.

3. The distance from the Earth to
the moon is approximately
239,000 miles. Using this value,
express a round-trip to the Moon
in miles in scientific notation.

4.78×10^5 miles

