

Moonbeam Multiplication

Earth is not the only planet that has a moon. Most of the other planets in our solar system also have moons. In many cases, they have more than one moon.

1. In 1610, Galileo discovered 4 moons orbiting Jupiter. By 1979, scientists had discovered that Jupiter has 4 times as many moons as Galileo saw. How many known moons did Jupiter have in 1979? _____
2. Mars has 2 known moons. By 1990, Saturn was known to have 9 times as many moons as Mars. How many known moons did Saturn have in 1990? _____
3. Until 1989, scientists had discovered only 2 moons of Neptune. Since then, scientists have found 4 times as many moons orbiting Neptune as they originally thought. How many known moons does Neptune have? _____
4. By 1999, Uranus was known to have 21 times as many moons as Earth. How many known moons did Uranus have in 1999? _____
5. Suppose you go to soccer practice 5 days a week. How many days would you go to practice in 4 weeks? _____
6. Suppose you work on homework 2 hours a day. How many hours would you work in 5 days? _____
7. A magazine costs \$3.00. How much would you pay for 6 magazines? _____
8. A tray of muffins contains 2 cups of blueberries. How many cups of blueberries are in 3 trays? _____