



Name _____

Moonbeam Multiplication

E 3-1

PROBLEM
SOLVING

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 on Jupiter. Since then, scientists have discovered that Jupiter has 4 times as many moons as Galileo saw. How many known moons does Jupiter have? _____
2. Mars has 2 known moons. Saturn is known to have 9 times as many moons as Mars. How many known moons does Saturn have? _____
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. Uranus is known to have 18 times as many moons as Earth. How many known moons does Uranus have? _____
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? _____