

2.1**Multiplying Fractions - Assignment**

Name: _____ P. _____

1. Name the missing denominator.

$$\frac{3}{7} \times \frac{1}{\quad} = \frac{3}{28}$$

Multiply. Write the answer in simplest form.

2. $\frac{5}{12} \times 10$

3. $\frac{13}{18} \times \frac{6}{7}$

4. Two-fifths of the students in your class are in the band. Of these, one-fourth play the saxophone. What fraction of your class play the saxophone?

5. You exercise for $\frac{3}{4}$ of an hour. You jump rope for $\frac{1}{3}$ of that time. What fraction of the hour do you spend jumping rope?

Multiply. Write the answer in simplest form.

6. $2\frac{1}{2} \times \frac{4}{5}$

7. $(\frac{3}{5})^3$

8. $8\frac{1}{3} \times 4\frac{1}{2}$

9. A vitamin C tablet contains $\frac{1}{40}$ of a gram of vitamin C. You take $1\frac{1}{2}$ tablets every day. How many grams of vitamin C do you take every day?

10. Matthew goes hiking every 12 days and swimming every 6 days. He did both kinds of exercise today. How many days from now will he go both hiking and swimming again?