

**MULTIPLYING FRACTIONS BY FRACTIONS**

NAME \_\_\_\_\_

DATE \_\_\_\_\_

Riddle 30

What is a frog's favorite shoe?



What To Do

Solve the multiplication problems below. Write your answers in simplest terms. Match each answer to a letter in the Key. Then write the letter in the space above its problem number to find the answer to the riddle.

①  $\frac{1}{2} \times \frac{1}{3} =$  \_\_\_\_\_

⑥  $\frac{2}{9} \times \frac{1}{2} =$  \_\_\_\_\_

②  $\frac{3}{4} \times \frac{1}{7} =$  \_\_\_\_\_

⑦  $\frac{2}{4} \times \frac{3}{7} =$  \_\_\_\_\_

③  $\frac{2}{5} \times \frac{3}{8} =$  \_\_\_\_\_

⑧  $\frac{3}{4} \times \frac{2}{6} =$  \_\_\_\_\_

④  $\frac{4}{7} \times \frac{2}{3} =$  \_\_\_\_\_

⑨  $\frac{6}{9} \times \frac{3}{5} =$  \_\_\_\_\_

⑤  $\frac{1}{8} \times \frac{5}{6} =$  \_\_\_\_\_

⑩  $\frac{3}{8} \times \frac{5}{7} =$  \_\_\_\_\_

|            |                        |                         |                        |
|------------|------------------------|-------------------------|------------------------|
| <b>Key</b> | $\frac{1}{9}$ ..... T  | $\frac{18}{56}$ ..... F | $\frac{3}{28}$ ..... A |
|            | $\frac{8}{21}$ ..... A | $\frac{2}{5}$ ..... D   | $\frac{1}{8}$ ..... H  |
|            | $\frac{7}{48}$ ..... E | $\frac{3}{14}$ ..... N  | $\frac{5}{48}$ ..... A |
|            | $\frac{3}{20}$ ..... D | $\frac{8}{23}$ ..... G  | $\frac{3}{4}$ ..... I  |
|            | $\frac{1}{6}$ ..... O  | $\frac{15}{56}$ ..... S | $\frac{1}{4}$ ..... L  |

Riddle Answer

An open- \_\_\_\_\_  
⑥ ① ④ ⑨ ⑩ ② ⑦ ③ ⑤ ⑧