

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 $\frac{3}{8} \times \frac{5}{7} =$ _____

Key

$\frac{1}{9}$ 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

NAME _____

DATE _____

Riddle 36

What do you do
for a blue elephant?

What To Do



Solve the division 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 $\frac{1}{2} \div \frac{1}{2} =$ _____

⑥ $\frac{7}{10} \div \frac{2}{5} =$ _____

② $\frac{4}{6} \div \frac{1}{3} =$ _____

⑦ $\frac{3}{4} \div \frac{1}{4} =$ _____

③ $\frac{3}{5} \div \frac{1}{6} =$ _____

⑧ $\frac{5}{6} \div \frac{1}{8} =$ _____

④ $\frac{9}{10} \div \frac{1}{5} =$ _____

⑨ $\frac{7}{9} \div \frac{4}{5} =$ _____

⑤ $\frac{3}{5} \div \frac{2}{3} =$ _____

⑩ $\frac{2}{7} \div \frac{3}{7} =$ _____

Key

$6 \frac{2}{3}$ C	$\frac{35}{36}$ E	$\frac{2}{3}$ H
3 U	$\frac{9}{10}$ H	1 E
2 M	$4 \frac{1}{2}$ I	$\frac{7}{10}$ T
$6 \frac{3}{5}$ J	5 S	$4 \frac{3}{4}$ O
$1 \frac{1}{2}$ A	$1 \frac{3}{4}$ R	$3 \frac{3}{5}$ P

Riddle Answer

_____!
 ⑧ ⑤ ① ⑨ ⑥ ⑩ ④ ② ⑦ ③