

MULTIPLYING FRACTIONS BY WHOLE NUMBERS

NAME _____ DATE _____

Riddle 52

How do squirrels feel
when you hide their food?

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 $\frac{1}{4} \times 4 =$ _____

⑥ $\frac{6}{8} \times 4 =$ _____

② $\frac{2}{3} \times 6 =$ _____

⑦ $\frac{7}{9} \times 5 =$ _____

③ $\frac{3}{5} \times 3 =$ _____

⑧ $\frac{8}{10} \times 2 =$ _____

④ $\frac{4}{6} \times 2 =$ _____

⑨ $\frac{9}{11} \times 3 =$ _____

⑤ $\frac{5}{7} \times 1 =$ _____

⑩ $\frac{10}{12} \times 6 =$ _____

Key

3 T	5/7 H	5 E
1 1/3 S	1/2 B	3/4 K
12 A	1 N	2 5/11 M
1 4/5 E	15 I	2/3 Y
4 S	1 3/5 U	3 8/9 T

Riddle Answer

It driv _____ !
⑩ ④ ⑦ ⑤ ③ ⑨ ① ⑧ ⑥ ②



MULTIPLYING MIXED NUMBERS

NAME _____

DATE _____

Riddle 54

What do you call cows that can't produce milk?



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 $1\frac{3}{5} \times 2\frac{1}{2} =$ _____

⑥ $3\frac{2}{3} \times 5\frac{1}{4} =$ _____

② $4\frac{1}{5} \times 6\frac{2}{3} =$ _____

⑦ $6\frac{4}{5} \times 3\frac{3}{4} =$ _____

③ $8\frac{1}{4} \times 2\frac{2}{9} =$ _____

⑧ $7\frac{1}{3} \times 9\frac{3}{6} =$ _____

④ $5\frac{5}{6} \times 6\frac{3}{5} =$ _____

⑨ $4\frac{7}{8} \times 1\frac{1}{3} =$ _____

⑤ $2\frac{6}{8} \times 8\frac{2}{11} =$ _____

⑩ $8\frac{1}{2} \times 2\frac{2}{3} =$ _____

Key

22 1/2 D	22 2/3 I	4 7/24 W
2 3/10 G	12 O	25 1/2 U
38 1/2 U	69 2/3 R	9 K
24 2/15 T	18 1/3 D	28 E
4 L	19 1/4 A	6 1/2 F

Riddle Answer

7
3
5
2
8
9
6
10
1
4
res



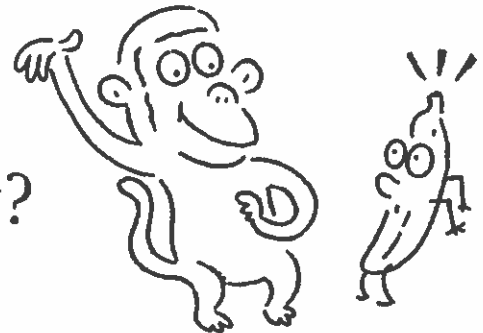
DIVIDING WHOLE NUMBERS BY FRACTIONS

NAME _____

DATE _____

Riddle 35

What did the banana do when it saw the monkey?



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 $10 \div \frac{1}{2} =$ _____

6 $36 \div \frac{2}{3} =$ _____

2 $20 \div \frac{1}{5} =$ _____

7 $40 \div \frac{5}{10} =$ _____

3 $15 \div \frac{3}{5} =$ _____

8 $64 \div \frac{2}{6} =$ _____

4 $30 \div \frac{2}{3} =$ _____

9 $22 \div \frac{2}{3} =$ _____

5 $20 \div \frac{2}{5} =$ _____

10 $48 \div \frac{3}{8} =$ _____

Key

27 E	25 A	192 N
54 L	80 N	45 I
128 A	14 F	100 P
75 G	20 A	64 K
33 T	15 O	50 S

Riddle Answer

The b _____!

1
7
10
8
3
5
2
6
4
9

DIVIDING FRACTIONS BY FRACTIONS

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
[!]

DIVIDING MIXED NUMBERS

NAME _____ DATE _____

Riddle 59

Why did the spider
buy a car?



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.

- | | |
|--|---|
| <p>① $7\frac{1}{8} \div 4\frac{3}{4} =$ _____</p> <p>② $2\frac{2}{3} \div 6\frac{2}{5} =$ _____</p> <p>③ $3\frac{3}{7} \div 1\frac{1}{5} =$ _____</p> <p>④ $4\frac{1}{5} \div 6\frac{3}{10} =$ _____</p> <p>⑤ $5\frac{7}{8} \div 2\frac{5}{12} =$ _____</p> | <p>⑥ $8\frac{4}{9} \div 1\frac{1}{3} =$ _____</p> <p>⑦ $10\frac{5}{6} \div 3\frac{6}{8} =$ _____</p> <p>⑧ $9\frac{4}{5} \div 4\frac{3}{15} =$ _____</p> <p>⑨ $15\frac{9}{10} \div 12\frac{3}{8} =$ _____</p> <p>⑩ $12\frac{1}{2} \div 10\frac{5}{6} =$ _____</p> |
|--|---|

Key

$33\frac{27}{32}$ Y	$2\frac{2}{5}$ B	$1\frac{2}{13}$ A
$6\frac{1}{3}$ F	$2\frac{1}{3}$ I	$14\frac{3}{4}$ L
$17\frac{1}{15}$ E	$1\frac{1}{2}$ R	$\frac{2}{3}$ I
$1\frac{47}{165}$ O	$2\frac{25}{58}$ N	$2\frac{6}{7}$ P
$2\frac{8}{9}$ S	$\frac{5}{12}$ T	$2\frac{3}{8}$ W

Riddle Answer

To take

8
2
6
9
1
10
7
3
4
5

Name _____

Date _____

Cross Them Out



Solve all of the problems below, remembering to express all answers in the lowest terms. Locate and cross out each of the correct answers in the grid. (Answers run horizontally, left to right.) When you have finished, 27 boxes will remain. Write the remaining letters in order from left to right and top to bottom to reveal the answer to the following riddle.

What happens to a rabbit when it gets very angry?

$3\frac{1}{4} \times 2\frac{2}{5} = 7\frac{4}{5}$	$1\frac{6}{8} \times 3\frac{1}{5} =$	$3\frac{1}{6} \times 2\frac{2}{5} =$	$4\frac{1}{3} \times 1\frac{1}{8} =$
$4\frac{1}{2} \times 2\frac{2}{3} =$	$6\frac{2}{3} \times 4\frac{1}{4} =$	$4\frac{2}{3} \times 3\frac{3}{7} =$	$5\frac{1}{4} \times 2\frac{3}{7} =$
$3\frac{1}{3} \times 2\frac{1}{5} =$	$4\frac{1}{5} \times 2\frac{1}{3} =$	$3\frac{3}{4} \times 2\frac{4}{5} =$	$5 \times 2\frac{1}{2} =$
$8 \times 6\frac{1}{2} =$	$4\frac{1}{5} \times 1\frac{4}{7} =$	$6\frac{2}{3} \times 1\frac{3}{5} =$	$2\frac{2}{4} \times 1\frac{2}{4} =$

T 1	A 7	K $\frac{3}{5}$	H 2	U 1	N 0	D $\frac{2}{3}$	E 2
R 1	T 2	H $\frac{3}{4}$	B 2	I 7	D $\frac{1}{3}$	U 4	N 4
N 1	T 5	O $\frac{3}{5}$	Y 2	R 2	E $\frac{1}{4}$	H 6	E $\frac{3}{5}$
T 2	H 8	E $\frac{1}{3}$	R 1	R 0	E $\frac{1}{2}$	A 4	L $\frac{1}{3}$
L 2	B 7	S $\frac{4}{5}$	Y 1	T 9	R $\frac{4}{5}$	G 7	E $\frac{1}{6}$
T 9	S $\frac{1}{4}$	P 1	K 2	H $\frac{8}{9}$	B 1	R 6	O $\frac{2}{4}$
P 1	R 4	O $\frac{7}{8}$	P 8	I $\frac{3}{4}$	B 1	A 2	R $\frac{1}{2}$
N 2	M $\frac{5}{8}$	G 3	L $\frac{3}{4}$	A 3	D $\frac{5}{7}$	E 5	N 2
