

* Show all work on separate paper! Final answers go on here! *

MULTIPLYING MIXED NUMBERS

NAME _____ DATE _____

Riddle 34 *NO WORK = NO CREDIT*

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 $1\frac{3}{5} \times 2\frac{1}{2} =$ _____
- 2 $4\frac{1}{5} \times 6\frac{2}{3} =$ _____
- 3 $8\frac{1}{4} \times 2\frac{2}{9} =$ _____
- 4 $5\frac{5}{6} \times 6\frac{3}{5} =$ _____
- 5 $2\frac{6}{8} \times 8\frac{2}{11} =$ _____
- 6 $3\frac{2}{3} \times 5\frac{1}{4} =$ _____
- 7 $6\frac{4}{5} \times 3\frac{3}{4} =$ _____
- 8 $7\frac{1}{3} \times 9\frac{3}{6} =$ _____
- 9 $4\frac{7}{8} \times 1\frac{1}{3} =$ _____
- 10 $8\frac{1}{2} \times 2\frac{2}{3} =$ _____

Key

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

Riddle Answer

_____ res
7 3 5 2 8 9 6 10 1 4

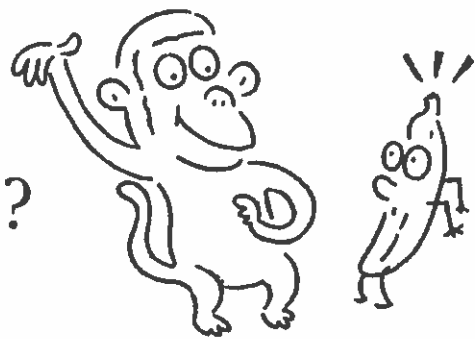


DIVIDING WHOLE NUMBERS BY FRACTIONS

NAME _____ DATE _____

Riddle 55

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

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!



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.

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

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

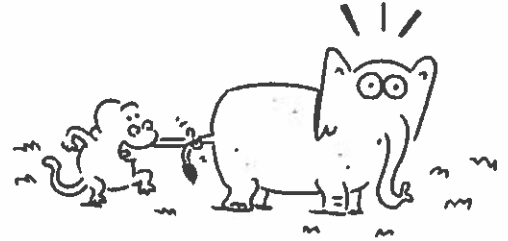
To take 8 2 6 9 1 10 7 3 4 5

MULTIPLYING FRACTIONS BY FRACTIONS

NAME _____ DATE _____

Riddle 51

What did the elephant say when his tail was grabbed?



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 $\frac{4}{9} \times \frac{3}{4} =$ _____

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

2 $\frac{5}{7} \times \frac{2}{3} =$ _____

7 $\frac{4}{7} \times \frac{9}{11} =$ _____

3 $\frac{9}{10} \times \frac{6}{8} =$ _____

8 $\frac{7}{8} \times \frac{2}{9} =$ _____

4 $\frac{8}{9} \times \frac{6}{7} =$ _____

9 $\frac{2}{3} \times \frac{5}{8} =$ _____

5 $\frac{2}{5} \times \frac{4}{5} =$ _____

10 $\frac{3}{4} \times \frac{5}{6} =$ _____

Key

- | | | |
|-------------------------|-------------------------|-------------------------|
| $\frac{16}{21}$ O | $\frac{2}{3}$ C | $\frac{7}{24}$ F |
| $\frac{5}{12}$ M | $\frac{5}{8}$ E | $\frac{10}{21}$ N |
| $\frac{34}{77}$ A | $\frac{8}{25}$ H | $\frac{3}{8}$ K |
| $\frac{1}{3}$ T | $\frac{36}{77}$ D | $\frac{9}{24}$ I |
| $\frac{27}{40}$ E | $\frac{7}{12}$ L | $\frac{7}{36}$ E |

Riddle Answer

"That's _____!"
 1 5 10 8 2 7 4 6 9 3

DIVIDING FRACTIONS BY FRACTIONS

NAME _____ DATE _____

Riddle 56

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
!

