NAME DATE

Riddle 5

Why did the monster need a third sock?



What To Do

Answer the questions below. 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.

- In the fraction $\frac{5}{8}$, what is the **numerator**?
- In the fraction $\frac{1}{7}$, what is the **denominator**?
- In the fraction $\frac{3}{4}$, what is the **numerator**?
- In the fraction $\frac{9}{10}$, what is the **denominator**?
- Which is the **proper fraction**? $2\frac{1}{2}$ $\frac{3}{2}$ $\frac{1}{2}$
- Which is the **improper fraction**? $2\frac{1}{2}$ $\frac{3}{2}$ $\frac{1}{2}$
- Which is the **mixed number**? $2\frac{1}{2}$ $\frac{3}{2}$ $\frac{1}{2}$
- $\frac{7}{6}$ 3 $\frac{1}{6}$ $\frac{5}{6}$ Which is the **proper fraction**?
- Which is the **improper fraction**? $\frac{7}{6}$ $3\frac{1}{6}$ $\frac{5}{6}$
- $\frac{7}{6}$ 3 $\frac{1}{6}$ $\frac{5}{6}$ Which is the **mixed number**?

Key 1/2 T

8		•						L
7			•	•				0
1			•	•	•	•	•	Κ
3				•				0
7/6			•	•			•	F
5/6			•	•			•	0
4			•		•			G
5								Н
2								Z
2 1	/2				•			Ε
3 1	/6							Ν
10								Т
3/2								R
	•							

Riddle Answer

He grew a





DATE

Riddle 6

Why was six scared of seven?





In each problem, circle the fraction that is NOT equivalent to the other fractions. 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.

$$0^{\frac{1}{2}}$$

6
$$\frac{20}{50}$$
 $\frac{2}{5}$ $\frac{5}{2}$

$$\frac{2}{3}$$
 $\frac{6}{9}$ $\frac{3}{6}$

$$\frac{6}{7}$$
 $\frac{8}{10}$

$$9 \frac{5}{15} \frac{2}{3} \frac{1}{3}$$

5
$$\frac{1}{9}$$



$$6/7$$
 V $6/25$ A $7/35$ R

$$4/_5$$
 N $1/_9$ V $4/_{10}$ N $1/_6$ N

$$1/6 \dots N$$
 $1/4 \dots T$ $2/3 \dots E$ $3/5 \dots S$

Riddle Answer



Because se









DATE

Riddle 10

Why is it hard to play sports against a team of big cats?

What To Do

Rewrite the improper fractions below as mixed numbers. 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.

$$0\frac{6}{4} =$$

$$6\frac{36}{5} =$$

$$2\frac{10}{6} =$$

$$7\frac{23}{6} =$$

$$3\frac{13}{8} =$$

$$8\frac{16}{10} =$$

$$4\frac{21}{9} =$$

$$2\frac{47}{11} =$$

$$\mathbf{5} \frac{15}{7} = \underline{}$$



Riddle Answer

They might











DATE

Riddle 11

Why did the hen run away?



What To Do

Rewrite the mixed numbers below as improper fractions. 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.

$$6 \ 6 \frac{2}{3} =$$

$$27\frac{3}{4} =$$

$$9\frac{1}{2} =$$

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

$$8 \frac{3}{4} = \underline{\hspace{1cm}}$$

$$4 \ 1 \frac{1}{2} =$$

$$97\frac{5}{6} =$$

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

$$5\frac{1}{4} =$$



Riddle Answer

She









NAM€

DATE

Riddle 17

What is big, gray, and flies straight up?



What To Do

Solve the addition 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.

$$1 \frac{1}{2} + 1 \frac{1}{2} = \underline{\hspace{1cm}}$$

$$2 \frac{1}{4} + 1 \frac{3}{4} = \underline{\hspace{1cm}}$$

$$8\frac{4}{9} + 5\frac{8}{9} =$$

$$3 \quad 5 \frac{1}{3} + 3 \frac{1}{3} =$$

$$8 \ 4 \frac{3}{8} + 6 \frac{6}{8} =$$

$$4 \frac{1}{6} + 2 \frac{3}{6} =$$

$$9 \ 3 \frac{7}{9} + 1 \frac{6}{9} =$$

$$\mathbf{10} \ 2\frac{2}{8} + 3\frac{7}{8} =$$

Key	

Riddle Answer



DATE

Riddle 23

What did one keyboard say to another keyboard?



What To Do

Solve the addition and subtraction 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.

$$\mathbf{1} \frac{5}{8} - \frac{9}{20} = \underline{}$$

$$6\frac{7}{10} + \frac{9}{30} =$$

$$2\frac{3}{4} + \frac{1}{11} =$$

$$7 \frac{8}{12} - \frac{3}{32} =$$

$$3\frac{1}{2} - \frac{5}{13} = \underline{\hspace{1cm}}$$

$$4\frac{2}{3} + \frac{2}{9} =$$

$$9 \frac{4}{5} - \frac{8}{20} =$$

$$\frac{5}{6} - \frac{7}{15} =$$

$$\mathbf{10} \frac{5}{12} + \frac{20}{36} = \underline{}$$

Key

Riddle Answer

"Yo _







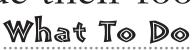


name

DATE

Riddle 32

How do squirrels feel when you hide their food?





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.

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

$$\frac{6}{8} \times 4 =$$

$$2 \frac{2}{3} \times 6 =$$

$$\frac{7}{9} \times 5 =$$

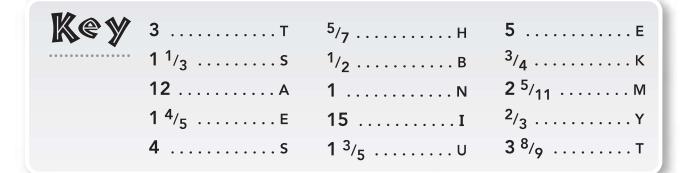
$$\frac{3}{5}$$
 x 3 =

$$\frac{4}{6} \times 2 =$$

$$9 \frac{9}{11} \times 3 =$$

$$\frac{5}{7} \times 1 =$$

$$\frac{10}{12} \times 6 =$$



Riddle Answer

It driv _



DATE

Riddle 40

What did the ghost eat for lunch?



What To Do

Solve the 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.

- There are 10 apples. Six of the apples are green. What fraction of the apples are green? _____ There are 20 pens. Thirteen of the pens are black. Seven of the pens are blue. What fraction of the pens are blue? _____ There are 12 pieces of fruit in a basket. There are 3 bananas, 5 apples,
- There are 9 crayons. Four of the crayons are blue. Two of the crayons are yellow. Three of the crayons are red. What fraction of the crayons are not blue?

and 4 oranges. What fraction of the fruits are bananas? _____

- There are 11 cups. Six of the cups contain milk. One of the cups contains soda. Four of the cups contain water. What fraction of the cups contain milk and water? _____
- There are 15 T-shirts. Twelve of the shirts are brown. What fraction of the shirts are brown? _____
- There are 50 pairs of pants. One-half of the pants are black. One-fifth of the pants are tan. How many pairs of pants are not black or tan? _____
- There are 36 pairs of shoes. One-third of the pairs of shoes are green. One-half of the pairs of shoes are red. How many pairs of shoes are not red or green? ___
- There are 40 balls. One-fourth are footballs. One-tenth are soccer balls. One-half are basketballs. How many are basketballs and soccer balls? _____
- 10 There are 17 pictures. Eight of the pictures are of Jim. Four of the pictures are of Marla. What fraction of the pictures are of Marla? ______

We A
15 L
7 F
⁵ / ₉ Y
¹³ / ₂₀ E
24 o
8N
¹⁰ / ₁₁ · · · · · · · O

1/₄ E

4/₅ B

12 K

7_{/20} 0

 $2_{/_3}$ 4/₁₇ N

3/5 S

6A

Maga

_ andwich

















Answers

Riddle 1 (page 5)

- **1.** 4
- **2.** 2
- **3.** 8
- 4.6
- **5.** 12
- **6.** 3
- **7.** 10
- **8.** 5 **9.** 7
- **10.** 9

What should you do when two snails start fighting?

Let them slug it out.

Riddle 2 (page 6)

- **1.** 1/2
- **2.** 3/4
- **3.** 3/5
- **4.** 2/5
- **5.** 5/8
- **6.** 5/6
- **7.** 4/7
- **8.** 6/9

What did the egg do when it heard a joke?

It cracked up!

Riddle 3 (page 7)

- **1.** 1/2
- **2.** 1/3
- **3.** 1/4
- **4.** 1/6
- **5.** 1/8
- **6.** 1/7
- **7.** 2/3 **8.** 3/4
- **9.** 3/5
- **10.** 2/7

What do you get from an angry shark?

As far away as possible

Riddle 4 (page 8)

- **1.** 5/6
- **2.** 7/11
- **3.** 9/16
- **4.** 5/8
- **5.** 7/9
- **6.** 5/14
- **7.** 5/12
- **8.** 12/13
- **9.** 8/19
- **10.** 6/15

Which dance did the chicken refuse to do?

The fox-trot

Riddle 5 (page 9)

- **1.** 5
- 2.7
- **3.** 3
- **4.** 10
- **5.** 1/2
- **6.** 3/2
- **7.** 2 1/2
- **8.** 5/6
- **9.** 7/6
- **10.** 3 1/6

Why did the monster need a third sock?

He grew another foot.

Riddle 6 (page 10)

- **1.** 3/4
- **2.** 3/6
- **3.** 1/4
- **4.** 4/5
- **5.** 4/10
- **6.** 5/2
- **7.** 6/7
- **8.** 6/25
- **9.** 2/3
- **10.** 1/6

Why was six scared of seven?

Because seven "ate" nine.

Riddle 7 (page 11)

- **1.** 1/2
- **2.** 1/4
- **3.** 1/3
- **4.** 1/5
- **5.** 3/4
- **6.** 2/3
- **7.** 2/5
- **8.** 3/8
- **9.** 4/9
- **10.** 2/7

Who won the race between the two balls of string?

They were tied.

Riddle 8 (page 12)

- **1.** 1/2
- **2.** 4/5
- **3.** 4/11
- **4.** 3/5
- **5.** 13/32 **6.** 2/5
- 7.9/19
- **8.** 12/23 **9.** 5/7
- **10.** 20/29

What kind of dog did the vampire own?

A bloodhound

Riddle 9 (page 13)

- **1.** 1/3
- **2.** 5/6
- **3.** 12/13
- **4.** 9/10
- **5.** 18/22
- **6.** 2/7
- **7.** 1/2
- **8.** 4/15 9.25/70
- **10.** 24/40

If I have 5 apples in one hand and 6 apples in the other, what would I have?

Two big hands

Riddle 10 (page 14)

- **1.** 1 1/2
- **2.** 1 2/3
- **3.** 1 5/8
- **4.** 2 1/3
- **5.** 2 1/7
- **6.** 7 1/5
- **7.** 3 5/6
- **8.** 1 3/5
- **9.** 4 3/11
- **10.** 1 1/3

Why is it hard to play sports against a team of big cats?

They might be cheetahs.

Riddle 11 (page 15)

- **1.** 17/5
- **2.** 31/4
- **3.** 7/3
- **4.** 3/2
- **5.** 23/5
- **6.** 20/3
- **7.** 19/2
- **8.** 35/4
- **9.** 47/6 **10.** 21/4
- Why did the hen run away?

She was chicken.

Riddle 12 (page 16)

- **1.** 1
- **2.** 1/2
- **3.** 2/3
- **4.** 4/5
- **5.** 6/7
- **6.** 5/8
- **7.** 7/9
- **8.** 5/6
- **9.** 3/4

10. 4/9

What does a lion lawyer study?

The law of the jungle

Riddle 13 (page 17)

- **1.** 1 1/3
- **2.** 1 1/4
- **3.** 1 2/5
- **4.** 1 1/2 **5.** 1 4/9
- **5.** 1 1/7
- **6.** 1 3/8
- **7.** 1 1/11
- **8.** 1 7/9
- **9.** 1 7/15
- **10.** 1 1/6

Where do ghosts go swimming?

The Dead Sea

Riddle 14 (page 18)

- **1.** 1 3/5
- **2.** 1 13/24
- **3.** 1 13/35
- **4.** 1 4/27
- **5.** 1 1/18
- **6.** 1
- **7.** 1 7/19
- **8.** 1 29/45
- **9.** 1 1/4
- **10.** 1 1/21

How do you stop a rhinoceros from charging?

Take away its credit cards.

Riddle 15 (page 19)

- **1.** 1/4
- **2.** 3/8
- **3.** 2/5
- **4.** 1/3
- **5.** 1/5
- **6.** 3/7
- **7.** 1/9
- **8.** 1/8
- **9.** 2/7
- **10.** 1/6

Why didn't the dog want to play ball?

It was a boxer.

Riddle 16 (page 20)

- **1.** 2/3
- **2.** 3/5
- **3.** 9/20
- **4.** 3/8
- **5.** 3/25
- **6.** 7/17
- **5.** 7/1
- **7.** 2/5
- **8.** 7/13
- **9.** 1/6
- **10.** 4/9

Where did the monster go when she lost her hand?

A second-hand shop

Riddle 17 (page 21)

- **1.** 3
- **2.** 4
- **3.** 8 2/3
- **4.** 6 2/3
- **5.** 7 4/5
- **6.** 10 1/7
- **7.** 14 1/3
- **8.** 11 1/8
- **9.** 5 4/9
- **10.** 6 1/8

What is big, gray, and flies straight up?

An 'elecopter

Riddle 18 (page 22)

- **1.** 1 1/3
- **2.** 2 2/5
- **3.** 2 2/7
- **4.** 3 1/2
- **5.** 2 1/4
- **6.** 4 3/5
- **7.** 4 1/3
- **8.** 3 1/6
- **9.** 1 1/5 **10.** 2 4/7

Why did the tennis player hit the ball softly?

So he wouldn't make a racket.

Riddle 19 (page 23)

- **1.** 5/6
- **2.** 13/20
- **3.** 11/18
- **4.** 7/10
- **5.** 17/35
- **6.** 7/12
- **7.** 1 **8.** 5/9
- 0. 3/ /
- **9.** 9/14 **10.** 5/8

Why couldn't the ghost tell a lie?

You can see right through him.

Riddle 20 (page 24)

- **1.** 1 1/4
- **2.** 1 11/24
- **3.** 31/35
- **4.** 1 7/40
- **5.** 1 4/9
- **6.** 1 7/44
- 7. 29/30
 8. 37/60
- **9.** 1 3/10

10. 1 7/100

What do you get if you cross a sheepdog with a tulip?

A collie-flower

Riddle 21 (page 25)

- **1.** 3/10
- **2.** 1/4
- **3.** 1/2
- **4.** 1/5
- **5.** 0
- **6.** 1/24
- **7.** 1/9
- **8.** 3/16
- **9.** 4/25
- **10.** 1/21

What did the orangutan call his wife?

His prime-mate

Riddle 22 (page 26)

- **1.** 5/21
- **2.** 1/8
- **3.** 17/44
- **4.** 5/24
- **5.** 17/30
- **6.** 11/120
- **7.** 1/18
- **8.** 1/10
- **9.** 1/5
- **10.** 7/24

What do you say when you meet a two-headed dragon?

"Hello! Hello!"

Riddle 23 (page 27)

- **1.** 7/40
- **2.** 37/44
- **3.** 3/26
- **4.** 8/9
- **5.** 11/30
- **6.** 1
- 7.55/96
- **8.** 31/40
- **9.** 2/5
- **10.** 35/36

What did one keyboard say to another keyboard?

"You are my type."

Riddle 24 (page 28)

- 1.63/4
- **2.** 7 1/2
- **3.** 11 5/6
- **4.** 4 7/8
- **5.** 11 23/36
- **6.** 11 1/15
- **7.** 7 5/7
- **8.** 6 7/15
- **9.** 16 5/8
- **10.** 12 17/18

What do frogs say when they meet each other?

"Warts new with you?"

Riddle 25 (page 29)

- **1.** 2 1/4
- **2.** 3 1/8
- **3.** 2 1/3
- **4.** 4 1/8
- **5.** 5 5/12 **6.** 3 4/15
- **7.** 6 4/35
- **8.** 4 1/30
- **9.** 11 3/44
- **10.** 7 2/9

What kind of horse always looks fashionable?

A clotheshorse

Riddle 26 (page 30)

- **1.** 0.8
- **2.** 0.75
- **3.** 0.5
- **4.** 0.6
- **5.** 0.25
- **6.** 0.125
- **7.** 0.375
- **8.** 0.4
- **9.** 0.625
- **10.** 0.9

What did the hot dog say to the hamburger?

"Nice to meat you!"

Riddle 27 (page 31)

- **1.** 2.5
- **2.** 4.25
- **3.** 1.6
- **4.** 7.2
- **5.** 5.25
- **6.** 11.2
- **7.** 3.25 **8.** 9.5

- **9.** 5.8
- **10.** 7.1

If you had 10 cows and 10 goats, what would you have?

Lots of milk

Riddle 28 (page 32)

- **1.** 1/2
- **2.** 0.75
- **3.** 2 1/2
- **4.** 3 2/3
- **5.** 4 1/2
- **6.** 0.04
- **7.** 0.032
- **8.** 16/8
- 9.2.96
- **10.** 5 1/6

When is the best time to tell a joke?

In the laughter-noon

Riddle 29 (page 33)

- **1.** 1/4
- **2.** 11/16
- **3.** 2/5
- **4.** 3/5
- **5.** 6/7 **6.** 14/33
- **7.** 2/3
- **8.** 2/23
- **9.** 4/5
- **10.** 8/11

What is a baby elephant after she is eight weeks old?

Nine weeks old

Riddle 30 (page 34)

- **1.** 1/6
- **2.** 3/28
- **3.** 3/20
- **4.** 8/21
- **5.** 5/48
- **6.** 1/9
- **7.** 3/14
- **8.** 1/4
- **9.** 2/5 **10.** 15/56

What is a frog's favorite shoe?

An open-toad sandal

Riddle 31 (page 35)

- **1.** 1/3
- **2.** 10/21
- **3.** 27/40
- **4.** 16/21
- **5.** 8/25
- **6.** 7/24
- **7.** 36/77
- **8.** 7/36
- **9.** 5/12
- **10.** 5/8

What did the elephant say when his tail was grabbed?

"That's the end of me!"

Riddle 32 (page 36)

- **1**. 1
- **2.** 4
- **3.** 1 4/5
- **4.** 1 1/3
- **5.** 5/7
- **6.** 3
- **7.** 3 8/9
- **8.** 1 3/5
- **9.** 2 5/11
- **10.** 5

How do squirrels feel when you hide their food?

It drives them nuts!

Riddle 33 (page 37)

- **1.** 2 1/2
- **2.** 2 3/4
- **3.** 3 3/8
- **4.** 1 4/5
- **5.** 1 9/10
- **6.** 5 1/2
- **7.** 4 **8.** 2
- **9.** 6

10. 4 1/5

Why were the elephants asked to leave the swimming pool?

They couldn't keep their trunks up.

Riddle 34 (page 38)

- **1.** 4
- **2.** 28
- **3.** 18 1/3
- **4.** 38 1/2
- **5.** 22 1/2
- **6.** 19 1/4
- **7.** 25 1/2
- **8.** 69 2/3
- **9.** 6 1/2
- **10.** 22 2/3

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

Udder failures

Riddle 35 (page 39)

- **1.** 20
- **2.** 100
- **3.** 25
- **4.** 45
- **5.** 50
- **6.** 54 **7.** 80
- **8.** 192
- **9.** 33
- **10.** 128

What did the banana do when it saw the monkey?

The banana split!

Riddle 36 (page 40)

- **1.** 1
- **2.** 2
- **3.** 3 3/5
- **4.** 4 1/2
- **5.** 9/10
- **6.** 1 3/4
- **7.** 3
- **8.** 6 2/3
- 9.35/36
- **10.** 2/3

What do you do for a blue elephant?

Cheer him up!

Riddle 37 (page 41)

- **1.** 1 1/9
- **2.** 5 3/5
- 3.9/14
- **4.** 1 1/24
- **5.** 11/12
- **6.** 3 1/3
- **7.** 2 1/6
- **8.** 1 15/17

9. 1 1/2

10. 9/10

What do you call a crate full of ducks?

A box of quackers

Riddle 38 (page 42)

- **1.** 1/12
- **2.** 2/13
- **3.** 8/41
- **4.** 1/4
- **5.** 11/74
- **6.** 2/35
- **7.** 15/58
- **8.** 5/18
- **9.** 1/7
- **10.** 1/13

Where do frogs put their money?

In a river bank

Riddle 39 (page 43)

- **1.** 1 1/2
- **2.** 5/12
- **3.** 2 6/7
- **4.** 2/3
- **5.** 2 25/58
- **6.** 6 1/3
- **7.** 2 8/9
- **8.** 2 1/3
- **9.** 1 47/165 **10.** 1 2/13

Why did the spider buy a car?

To take it for a spin

Riddle 40 (page 44)

- **1.** 3/5
- 2.7/20
- **3.** 1/4
- **4.** 5/9
- **5.** 10/11
- **6.** 4/5
- **7.** 15 **8.** 6
- 9.24

10. 4/17

What did the ghost eat for lunch?

A boo-loney sandwich