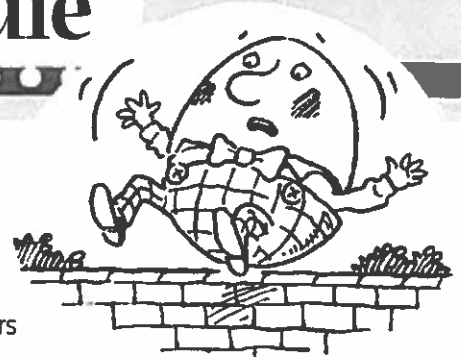


Name _____ Date _____

Humpty Dumpty Riddle



Why did Humpty Dumpty have a great fall?

Solve all of the problems, remembering to express all answers in their lowest terms. Locate your answers in the boxes below. Write the letter from each problem in the code box with the matching answer. If the answer appears in more than one code box, fill in each one with the same letter.

G $4\frac{5}{12} - 2\frac{1}{6} = 2\frac{1}{4}$	A $3\frac{4}{5} + 4\frac{1}{2} =$	P $1\frac{1}{3} + 3\frac{4}{9} =$
F $\begin{array}{r} 8\frac{5}{6} \\ - 4\frac{1}{4} \\ \hline \end{array}$	I $\begin{array}{r} 2\frac{1}{4} \\ + 3\frac{1}{2} \\ \hline \end{array}$	N $\begin{array}{r} 6\frac{3}{4} \\ - 1\frac{1}{3} \\ \hline \end{array}$
U $3\frac{5}{6} + 2\frac{1}{5} =$	E $3\frac{6}{9} - 2\frac{1}{6} =$	K $4\frac{3}{5} + 2\frac{2}{3} =$
T $\begin{array}{r} 4\frac{4}{5} \\ - 1\frac{1}{10} \\ \hline \end{array}$	R $\begin{array}{r} 2\frac{3}{8} \\ + 2\frac{1}{3} \\ \hline \end{array}$	M $\begin{array}{r} 5\frac{7}{12} \\ - 1\frac{2}{4} \\ \hline \end{array}$
O $7\frac{2}{3} + 1\frac{3}{4} =$	L $5\frac{8}{9} - 4\frac{2}{3} =$	B $3\frac{1}{4} + 3\frac{1}{6} =$

$3\frac{7}{10}$	$9\frac{5}{12}$
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$4\frac{1}{12}$	$8\frac{3}{10}$	$7\frac{4}{15}$	$1\frac{1}{2}$
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$6\frac{1}{30}$	$4\frac{7}{9}$
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$4\frac{7}{12}$	$9\frac{5}{12}$	$4\frac{17}{24}$
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$8\frac{3}{10}$

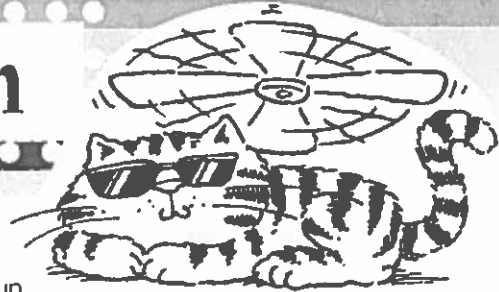
$6\frac{5}{12}$	$9\frac{5}{12}$	$4\frac{17}{24}$	$5\frac{3}{4}$	$5\frac{5}{12}$	G $2\frac{1}{4}$
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$4\frac{7}{12}$	$8\frac{3}{10}$	$1\frac{2}{9}$	$1\frac{1}{9}$
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Name _____

Date _____

Mixed Number Search



Solve the problems carefully, expressing all answers in simplest terms. Locate and cross out each of the correct answers in the grid. (Answers run horizontally across two or more boxes, left to right.) When you have finished, 24 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.

Why did the cat sleep with the ceiling fan on?

$5 \frac{3}{8} + 7 \frac{2}{8} =$ $12 \frac{5}{8}$	$6 \frac{7}{9} - 2 \frac{4}{9} =$	$2 \frac{2}{3} + 2 \frac{2}{3} =$	$9 \frac{8}{12} - 4 \frac{1}{12} =$
$\begin{array}{r} 13 \frac{1}{4} \\ + 20 \frac{1}{4} \end{array}$	$\begin{array}{r} 12 \frac{8}{12} \\ - 4 \frac{6}{12} \end{array}$	$\begin{array}{r} 4 \frac{6}{8} \\ + 7 \frac{1}{8} \end{array}$	$\begin{array}{r} 24 \frac{9}{14} \\ - 11 \frac{5}{14} \end{array}$
$4 \frac{2}{6} + 8 \frac{2}{6} =$	$7 \frac{5}{7} - 2 \frac{4}{7} =$	$4 \frac{5}{10} + 3 \frac{3}{10} =$	$9 \frac{7}{8} - 2 \frac{3}{8} =$
$\begin{array}{r} 2 \frac{1}{3} \\ + 9 \frac{1}{3} \end{array}$	$\begin{array}{r} 14 \frac{9}{12} \\ - 3 \frac{3}{12} \end{array}$	$\begin{array}{r} 11 \frac{6}{8} \\ + 11 \frac{1}{8} \end{array}$	$\begin{array}{r} 7 \frac{4}{6} \\ - 2 \frac{2}{6} \end{array}$

H 3	G 5	D $\frac{1}{7}$	E 3	W 4	A $\frac{7}{11}$	N 4	T $\frac{1}{3}$
N 7	T 2	H 1	I 2	S $\frac{5}{8}$	S 2	H 3	I $\frac{1}{8}$
R 1	T 3	S $\frac{2}{7}$	E 4	D 3	B 1	O 2	Y $\frac{2}{3}$
T 3	O 9	B $\frac{9}{10}$	S 3	A 3	M $\frac{1}{2}$	E 7	A $\frac{1}{3}$
H 5	I $\frac{7}{12}$	V 3	S 5	T $\frac{2}{5}$	E 2	A 8	R $\frac{1}{6}$
R 2	Y 5	H 7	E $\frac{4}{6}$	C 9	O 1	U 1	L $\frac{2}{3}$
D 1	S 1	N $\frac{1}{2}$	O 8	W 1	I 2	N $\frac{1}{4}$	O 7
L 6	C 4	R 5	E $\frac{1}{3}$	A 3	T 3	E 7	D $\frac{1}{2}$

Adding and Subtracting Mixed Fractions (A)

Find the value of each expression in lowest terms.

1. $2\frac{1}{5} + 1\frac{3}{4}$

5. $1\frac{1}{2} + 2\frac{3}{5}$

9. $3\frac{1}{2} - 1\frac{1}{2}$

2. $3\frac{1}{2} - 2\frac{2}{3}$

6. $3\frac{1}{2} - 2\frac{5}{9}$

10. $5\frac{1}{2} + 5\frac{1}{4}$

3. $3\frac{1}{2} - 3\frac{1}{2}$

7. $2\frac{3}{4} + 1\frac{1}{5}$

11. $1\frac{10}{11} - 1\frac{1}{3}$

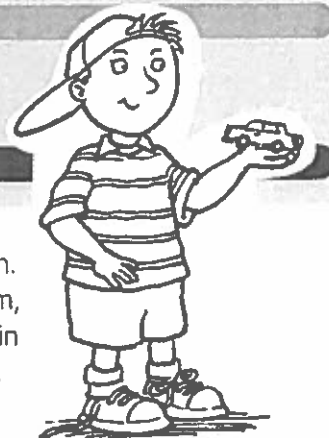
4. $5\frac{3}{4} - 5\frac{1}{4}$

8. $3\frac{1}{4} - 2\frac{3}{8}$

12. $1\frac{5}{12} + 3\frac{1}{3}$

Name _____ Date _____

What's His Reason?



In this activity you will be renaming a mixed number in order to create an improper fraction. Your purpose is to find the missing numerator or denominator. When you solve the problem, locate the answer in the code below. Write the letter from the problem above the answer in the code. If the answer appears in more than one box, fill in each one with the same letter.

Why did the preschooler take his toy car to school?

$7\frac{1}{4} = 6\frac{A}{4}$ A =	$5\frac{5}{12} = 4\frac{17}{R}$ R =	$4\frac{1}{5} = 3\frac{O}{5}$ O =
$6\frac{1}{7} = 5\frac{S}{7}$ S =	$11\frac{3}{8} = 10\frac{D}{8}$ D =	$8\frac{7}{12} = 7\frac{T}{12}$ T =
$4\frac{2}{4} = 3\frac{P}{4}$ P =	$7\frac{2}{7} = 6\frac{C}{7}$ C =	$9\frac{6}{15} = 8\frac{U}{15}$ U =
$9\frac{4}{11} = 8\frac{B}{11}$ B = 15	$4\frac{3}{14} = 3\frac{H}{14}$ H =	$5\frac{5}{9} = 4\frac{Y}{9}$ Y =
$3\frac{5}{8} = 2\frac{V}{8}$ V =	$8\frac{3}{4} = 7\frac{I}{4}$ I =	$7\frac{7}{16} = 6\frac{L}{16}$ L =
$2\frac{3}{7} = 1\frac{E}{7}$ E =		$6\frac{4}{14} = 5\frac{W}{14}$ W =

10	17	10
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23	7	19	19	23	10
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B			
15	6	14	8

4	21	12	4	6	8	10
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18	5	8
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19	6
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11	12	7	13	10
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17	7	8
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19	10	5	9	17	10	12
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21	4
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19	17	10
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18	5	23	23
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