

Ma9 *on sheet or separate
1.4 * MUST show LCD step



Greek Decoder

TO DECODE THE MESSAGE AT THE BOTTOM OF THE PAGE, FOLLOW THESE DIRECTIONS:

First, work any problem below and find your answer in the answer columns.

Then look for the GREEK LETTER of the answer in the coded message. Each time you see this GREEK LETTER, write the letter of that problem above it.

KEEP WORKING UNTIL YOU HAVE DECODED THE MESSAGE.



$\boxed{W} \frac{1}{2} + \frac{1}{4} =$	$\boxed{F} \frac{1}{2} + \frac{4}{5} =$	$\omicron 1\frac{1}{24}$	$\mu \frac{7}{12}$
$\boxed{D} \frac{5}{8} - \frac{1}{4} =$	$\boxed{S} \frac{7}{9} - \frac{1}{6} =$	$\eta 1\frac{4}{15}$	$\xi \frac{3}{8}$
$\boxed{Y} \frac{5}{6} + \frac{1}{3} =$	$\boxed{P} \frac{3}{10} + \frac{3}{4} =$	$\zeta 1\frac{3}{10}$	$\pi \frac{23}{30}$
$\boxed{I} \frac{3}{4} - \frac{1}{3} =$	$\boxed{M} \frac{7}{8} - \frac{1}{12} =$	$\delta \frac{3}{4}$	$\epsilon \frac{1}{8}$
$\boxed{U} \frac{2}{3} + \frac{3}{5} =$	$\boxed{L} \frac{7}{10} + \frac{1}{15} =$	$\gamma \frac{19}{24}$	$\sigma 1\frac{1}{20}$
$\boxed{C} \frac{4}{5} - \frac{1}{4} =$	$\boxed{H} \frac{5}{6} - \frac{1}{10} =$	$\beta \frac{17}{24}$	$\tau \frac{5}{12}$
$\boxed{O} \frac{1}{3} + \frac{3}{8} =$	$\boxed{T} \frac{1}{6} + \frac{7}{8} =$	$\alpha \frac{11}{15}$	$\rho \frac{7}{10}$
$\boxed{V} \frac{5}{6} - \frac{1}{4} =$	$\boxed{E} \frac{4}{5} - \frac{1}{10} =$	$\iota \frac{7}{9}$	$\omega \frac{11}{20}$
$\boxed{A} \frac{1}{3} + \frac{4}{9} =$	$\boxed{G} \frac{1}{5} + \frac{5}{6} =$	$\kappa 1\frac{1}{6}$	$\psi \frac{1}{4}$
$\boxed{N} \frac{1}{2} - \frac{3}{8} =$	$\boxed{R} \frac{5}{12} - \frac{1}{6} =$	$\lambda 1\frac{1}{30}$	$\chi \frac{11}{18}$

SECRET MESSAGE

$\overline{\omicron \alpha \rho}$ $\overline{\zeta \tau \psi \chi \omicron}$ $\overline{\beta \pi \kappa \gamma \sigma \tau \omega}$ $\overline{\lambda \iota \gamma \rho \chi}$
 $\overline{\delta \rho \psi \rho}$ $\overline{\alpha \rho \pi \xi}$ $\overline{\tau \epsilon}$ $\overline{\lambda \psi \rho \rho \omega \rho}$ $\overline{\beta \mu \rho \psi}$
 $\overline{\omicron \delta \beta}$ $\overline{\omicron \alpha \beta \eta \chi \iota \epsilon \xi}$ $\overline{\kappa \rho \iota \psi \chi}$ $\overline{\iota \lambda \beta}$

Why did the Lumberjack quit his job?

TO FIND THE ANSWER TO THIS IMPORTANT QUESTION, FOLLOW THESE DIRECTIONS:

Work any problem below and find the correct answer in the answer column.

The number in front of the answer tells you where to put the letter of the problem in the row of boxes at the bottom of the page.

KEEP WORKING UNTIL YOU DISCOVER THE FOUR-WORD ANSWER.

(N) $6\frac{1}{2}$ $+ 2\frac{5}{8}$	(K) $5\frac{3}{4}$ $+ 6\frac{1}{3}$	(E) $6\frac{7}{10}$ $+ 7\frac{3}{5}$
(T) $9\frac{2}{3}$ $+ 2\frac{7}{9}$	(A) $5\frac{3}{4}$ $+ 3\frac{7}{8}$	(O) $7\frac{5}{8}$ $+ 1\frac{1}{3}$
(I) $2\frac{2}{3}$ $+ 9\frac{4}{5}$	(L) $9\frac{1}{2}$ $+ 4\frac{3}{5}$	(T) $7\frac{5}{6}$ $+ 4\frac{11}{12}$
(H) $5\frac{5}{6}$ $+ 2\frac{3}{4}$	(U) $1\frac{5}{8}$ $+ 4\frac{3}{4}$	(H) $2\frac{7}{8}$ $+ 6\frac{5}{6}$
(C) $5\frac{1}{6}$ $+ 8\frac{8}{9}$	(D) $2\frac{5}{6}$ $+ 3\frac{2}{3}$	(C) $3\frac{3}{4}$ $+ 5\frac{3}{5}$

ANSWERS

- (1) $9\frac{17}{24}$
- (2) $14\frac{3}{10}$
- (3) $9\frac{7}{20}$
- (4) $8\frac{23}{24}$
- (5) $6\frac{3}{8}$
- (6) $14\frac{1}{10}$
- (7) $6\frac{1}{2}$
- (8) $9\frac{1}{8}$
- (9) $12\frac{3}{4}$
- (10) $8\frac{7}{12}$
- (11) $9\frac{5}{8}$
- (12) $14\frac{1}{18}$
- (13) $12\frac{1}{12}$
- (14) $12\frac{7}{15}$
- (15) $12\frac{4}{9}$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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RIDDLE MATH

The thing you will know
When you crack this code
Is why the chicken stopped
In the middle of the road.

DIRECTIONS:

THE ANSWER TO THIS RIDDLE IS WRITTEN IN CODE AT THE BOTTOM OF THE PAGE.
TO CRACK THE CODE:

Work any problem below and find your answer in the code. Each time the answer appears in the code, write the letter of that problem above it. Keep working until you discover the answer to the riddle.

$\begin{array}{r} \textcircled{\text{C}} 10\frac{1}{2} \\ - 3\frac{1}{4} \\ \hline \end{array}$	$\begin{array}{r} \textcircled{\text{N}} 9\frac{5}{8} \\ - 4\frac{1}{2} \\ \hline \end{array}$	$\begin{array}{r} \textcircled{\text{H}} 6\frac{2}{3} \\ - 2\frac{1}{4} \\ \hline \end{array}$	$\begin{array}{r} \textcircled{\text{B}} 9\frac{4}{5} \\ - 7\frac{2}{3} \\ \hline \end{array}$	$\begin{array}{r} \textcircled{\text{U}} 5\frac{5}{6} \\ - 1\frac{1}{8} \\ \hline \end{array}$
$\begin{array}{r} \textcircled{\text{Y}} 12\frac{3}{4} \\ - 5\frac{3}{10} \\ \hline \end{array}$	$\begin{array}{r} \textcircled{\text{S}} 11\frac{5}{8} \\ - 6\frac{1}{4} \\ \hline \end{array}$	$\begin{array}{r} \textcircled{\text{D}} 9\frac{7}{12} \\ - 5\frac{3}{8} \\ \hline \end{array}$	$\begin{array}{r} \textcircled{\text{W}} 16\frac{5}{6} \\ - 8\frac{1}{9} \\ \hline \end{array}$	$\begin{array}{r} \textcircled{\text{A}} 8\frac{4}{15} \\ - 6\frac{1}{6} \\ \hline \end{array}$
$\begin{array}{r} \textcircled{\text{T}} 18\frac{3}{4} \\ - 10\frac{5}{12} \\ \hline \end{array}$	$\begin{array}{r} \textcircled{\text{O}} 9\frac{19}{20} \\ - 1\frac{1}{5} \\ \hline \end{array}$	$\begin{array}{r} \textcircled{\text{I}} 14\frac{9}{10} \\ - 12\frac{5}{6} \\ \hline \end{array}$	$\begin{array}{r} \textcircled{\text{E}} 11\frac{7}{10} \\ - 9\frac{1}{3} \\ \hline \end{array}$	$\begin{array}{r} \textcircled{\text{L}} 15\frac{3}{4} \\ - 8\frac{4}{9} \\ \hline \end{array}$

CODED ANSWER

$2\frac{2}{15}$ $2\frac{11}{30}$ $7\frac{1}{4}$ $2\frac{1}{10}$ $4\frac{17}{24}$ $5\frac{3}{8}$ $2\frac{11}{30}$ $5\frac{3}{8}$ $4\frac{5}{12}$ $2\frac{11}{30}$ $8\frac{13}{18}$ $2\frac{1}{10}$ $5\frac{1}{8}$ $8\frac{1}{3}$ $2\frac{11}{30}$ $4\frac{5}{24}$

$8\frac{1}{3}$ $8\frac{3}{4}$ $7\frac{11}{36}$ $2\frac{1}{10}$ $7\frac{9}{20}$ $2\frac{1}{15}$ $8\frac{1}{3}$ $8\frac{3}{4}$ $5\frac{1}{8}$ $8\frac{1}{3}$ $4\frac{5}{12}$ $2\frac{11}{30}$ $7\frac{11}{36}$ $2\frac{1}{15}$ $5\frac{1}{8}$ $2\frac{11}{30}$

