

Secret Code Riddles

Try and solve each riddle. To check your answer, solve each addition or subtraction problem and write the letter from the code box that corresponds to your answer in the shaded box.

Hint: pay attention to the + and – signs.

a	b	c	d	e	f	g	h	i	j	k	l	m
28	8	22	2	38	6	18	32	40	12	26	16	48

n	o	p	q	r	s	t	u	v	w	x	y	z
14	50	30	44	4	34	42	24	10	46	36	52	20

What is the difference between an old nickel and a new dime? _____

$$\begin{array}{r} 3 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ +25 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 30 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 28 \\ +10 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +7 \\ \hline \end{array} \quad \begin{array}{r} 25 \\ +17 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ +17 \\ \hline \end{array}$$

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If your uncle's sister is not your aunt, what relation is she to you? _____

$$\begin{array}{r} 30 \\ +22 \\ \hline \end{array} \quad \begin{array}{r} 25 \\ +25 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ +12 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ +16 \\ \hline \end{array} \quad \begin{array}{r} 40 \\ +10 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ +30 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ +17 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ +21 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

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What is that which has never been felt, seen nor heard, never existed and still has a name? _____

$$\begin{array}{r} 9 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 20 \\ +30 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ +27 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ +20 \\ \hline \end{array} \quad \begin{array}{r} 30 \\ +10 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ +9 \\ \hline \end{array}$$

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If two's company, and three's a crowd, what are four and five? _____

$$\begin{array}{r} 8 \\ +6 \\ \hline \end{array} \quad \begin{array}{r} 26 \\ +14 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ +14 \\ \hline \end{array}$$

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What can pass before the sun without making a shadow? _____

$$\begin{array}{r} 26 \\ +16 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ +16 \\ \hline \end{array} \quad \begin{array}{r} 23 \\ +15 \\ \hline \end{array} \quad \begin{array}{r} 23 \\ +23 \\ \hline \end{array} \quad \begin{array}{r} 20 \\ +20 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +7 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +1 \\ \hline \end{array}$$

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What is it that is so brittle that even to name it is to break it? _____

$$\begin{array}{r} 58 \\ -24 \\ \hline \end{array} \quad \begin{array}{r} 60 \\ -20 \\ \hline \end{array} \quad \begin{array}{r} 28 \\ -12 \\ \hline \end{array} \quad \begin{array}{r} 40 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 28 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 48 \\ -10 \\ \hline \end{array}$$

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What is it that we often return and never borrow? _____

$$\begin{array}{r} 50 \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ -18 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ -22 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ -36 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ -24 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ -16 \\ \hline \end{array}$$

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What room can no one enter? _____

$$\begin{array}{r} 50 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 28 \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 44 \\ -10 \\ \hline \end{array} \quad \begin{array}{r} 38 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 75 \\ -25 \\ \hline \end{array} \quad \begin{array}{r} 67 \\ -17 \\ \hline \end{array} \quad \begin{array}{r} 54 \\ - 6 \\ \hline \end{array}$$

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What has a mouth but never eats? _____

$$\begin{array}{r} 30 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ -20 \\ \hline \end{array} \quad \begin{array}{r} 46 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 20 \\ -10 \\ \hline \end{array} \quad \begin{array}{r} 38 \\ - 0 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -4 \\ \hline \end{array}$$

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Name a carpenter's tool you can spell forward and backward the same way.

$$\begin{array}{r} 32 \\ -16 \\ \hline \end{array} \quad \begin{array}{r} 40 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 20 \\ -10 \\ \hline \end{array} \quad \begin{array}{r} 54 \\ -16 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ - 8 \\ \hline \end{array}$$

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What speaks every language? _____

$$\begin{array}{r} 35 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ -10 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ +23 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ +16 \\ \hline \end{array} \quad \begin{array}{r} 63 \\ -13 \\ \hline \end{array}$$

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What falls often in the winter but never gets hurt? _____

$$\begin{array}{r} 30 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 21 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 26 \\ +24 \\ \hline \end{array} \quad \begin{array}{r} 23 \\ +23 \\ \hline \end{array}$$

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What does a person usually grow in a garden if he works hard? _____

$$\begin{array}{r} 64 \\ -22 \\ \hline \end{array} \quad \begin{array}{r} 70 \\ -30 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ -14 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ +23 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +0 \\ \hline \end{array}$$

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What is the difference between an old nickel and a new dime? **five cents**

$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$	$\begin{array}{r} 15 \\ +25 \\ \hline 40 \end{array}$	$\begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array}$	$\begin{array}{r} 30 \\ + 8 \\ \hline 38 \end{array}$	$\begin{array}{r} 20 \\ + 2 \\ \hline 22 \end{array}$	$\begin{array}{r} 28 \\ +10 \\ \hline 38 \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$	$\begin{array}{r} 25 \\ +17 \\ \hline 42 \end{array}$	$\begin{array}{r} 17 \\ +17 \\ \hline 34 \end{array}$
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f	i	v	e
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c	e	n	t	s
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If your uncle's sister is not your aunt, what relation is she to you? **your mother**

$\begin{array}{r} 30 \\ +22 \\ \hline 52 \end{array}$	$\begin{array}{r} 25 \\ +25 \\ \hline 50 \end{array}$	$\begin{array}{r} 12 \\ +12 \\ \hline 24 \end{array}$	$\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$	$\begin{array}{r} 32 \\ +16 \\ \hline 48 \end{array}$	$\begin{array}{r} 40 \\ +10 \\ \hline 50 \end{array}$	$\begin{array}{r} 12 \\ +30 \\ \hline 42 \end{array}$	$\begin{array}{r} 15 \\ +17 \\ \hline 32 \end{array}$	$\begin{array}{r} 17 \\ +21 \\ \hline 38 \end{array}$	$\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$
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y	o	u	r
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m	o	t	h	e	r
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What is that which has never been felt, seen nor heard, never existed and still has a name? **nothing**

$\begin{array}{r} 9 \\ +5 \\ \hline 14 \end{array}$	$\begin{array}{r} 20 \\ +30 \\ \hline 50 \end{array}$	$\begin{array}{r} 15 \\ +27 \\ \hline 42 \end{array}$	$\begin{array}{r} 12 \\ +20 \\ \hline 32 \end{array}$	$\begin{array}{r} 30 \\ +10 \\ \hline 40 \end{array}$	$\begin{array}{r} 5 \\ +9 \\ \hline 14 \end{array}$	$\begin{array}{r} 9 \\ +9 \\ \hline 18 \end{array}$
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n	o	t	h	i	n	g
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If two's company, and three's a crowd, what are four and five? **nine**

$\begin{array}{r} 8 \\ +6 \\ \hline 14 \end{array}$	$\begin{array}{r} 26 \\ +14 \\ \hline 40 \end{array}$	$\begin{array}{r} 13 \\ + 1 \\ \hline 14 \end{array}$	$\begin{array}{r} 24 \\ +14 \\ \hline 38 \end{array}$
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n	i	n	e
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What can pass before the sun without making a shadow? _____

$\begin{array}{r} 26 \\ +16 \\ \hline 42 \end{array}$	$\begin{array}{r} 16 \\ +16 \\ \hline 32 \end{array}$	$\begin{array}{r} 23 \\ +15 \\ \hline 38 \end{array}$	$\begin{array}{r} 23 \\ +23 \\ \hline 46 \end{array}$	$\begin{array}{r} 20 \\ +20 \\ \hline 40 \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$	$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$
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t	h	e
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w	i	n	d
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What is it that is so brittle that even to name it is to break it? **silence**

$$\begin{array}{r}
 58 \quad 60 \quad 28 \quad 40 \quad 18 \quad 28 \quad 48 \\
 -24 \quad -20 \quad -12 \quad -2 \quad -4 \quad -6 \quad -10 \\
 \hline
 34 \quad 40 \quad 16 \quad 38 \quad 14 \quad 22 \quad 38
 \end{array}$$

s	i	l	e	n	c	e
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What is it that we often return and never borrow? **thanks**

$$\begin{array}{r}
 50 \quad 50 \quad 50 \quad 50 \quad 50 \quad 50 \\
 -8 \quad -18 \quad -22 \quad -36 \quad -24 \quad -16 \\
 \hline
 42 \quad 32 \quad 28 \quad 14 \quad 26 \quad 34
 \end{array}$$

t	h	a	n	k	s
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What room can no one enter? **mushroom**

$$\begin{array}{r}
 50 \quad 28 \quad 44 \quad 38 \quad 12 \quad 75 \quad 67 \quad 54 \\
 -2 \quad -4 \quad -10 \quad -6 \quad -8 \quad -25 \quad -17 \quad -6 \\
 \hline
 48 \quad 24 \quad 34 \quad 32 \quad 4 \quad 50 \quad 50 \quad 48
 \end{array}$$

m	u	s	h	r	o	o	m
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What has a mouth but never eats? **a river**

$$\begin{array}{r}
 30 \quad 24 \quad 46 \quad 20 \quad 38 \quad 8 \\
 -2 \quad -20 \quad -6 \quad -10 \quad -0 \quad -4 \\
 \hline
 28 \quad 4 \quad 40 \quad 10 \quad 38 \quad 4
 \end{array}$$

a	r	i	v	e	r
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Name a carpenter's tool you can spell forward and backward the same way.
level

$$\begin{array}{r}
 32 \quad 40 \quad 20 \quad 54 \quad 24 \\
 -16 \quad -2 \quad -10 \quad -16 \quad -8 \\
 \hline
 16 \quad 38 \quad 10 \quad 38 \quad 16
 \end{array}$$

l	e	v	e	l
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What speaks every language? **an echo**

$\begin{array}{r} 35 \\ - 7 \\ \hline 28 \end{array}$	$\begin{array}{r} 24 \\ - 10 \\ \hline 14 \end{array}$	$\begin{array}{r} 15 \\ + 23 \\ \hline 38 \end{array}$	$\begin{array}{r} 24 \\ - 2 \\ \hline 22 \end{array}$	$\begin{array}{r} 16 \\ + 16 \\ \hline 32 \end{array}$	$\begin{array}{r} 63 \\ - 13 \\ \hline 50 \end{array}$
---	--	--	---	--	--

a	n
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e	c	h	o
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What falls often in the winter but never gets hurt? **snow**

$\begin{array}{r} 30 \\ + 4 \\ \hline 34 \end{array}$	$\begin{array}{r} 21 \\ - 7 \\ \hline 14 \end{array}$	$\begin{array}{r} 26 \\ + 24 \\ \hline 50 \end{array}$	$\begin{array}{r} 23 \\ + 23 \\ \hline 46 \end{array}$
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s	n	o	w
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What does a person usually grow in a garden if he works hard? **tired**

$\begin{array}{r} 64 \\ - 22 \\ \hline 42 \end{array}$	$\begin{array}{r} 70 \\ - 30 \\ \hline 40 \end{array}$	$\begin{array}{r} 18 \\ - 14 \\ \hline 4 \end{array}$	$\begin{array}{r} 15 \\ + 23 \\ \hline 38 \end{array}$	$\begin{array}{r} 2 \\ + 0 \\ \hline 2 \end{array}$
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t	i	r	e	d
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