

$$49 + 3 = 50 + 2 = 52$$

Diagram showing the decomposition of 49 into 50 and 2, with 1 and 2 written below it.

$$59 + 3 =$$

Diagram showing the decomposition of 59 into 60 and 2, with 1 and 2 written below it.

$$99 + 3 =$$

Diagram showing the decomposition of 99 into 100 and 2, with 1 and 2 written below it.

$$68 + 3 =$$

Diagram showing the decomposition of 68 into 70 and 1, with 2 and 1 written below it.

$$49 + 3 =$$

Diagram showing the decomposition of 49 into 50 and 2, with 1 and 2 written below it.

$$59 + 3 =$$

Diagram showing the decomposition of 59 into 60 and 2, with 1 and 2 written below it.

$$19 + 3 =$$

Diagram showing the decomposition of 19 into 20 and 1, with 1 and 2 written below it.

$$98 + 3 =$$

Diagram showing the decomposition of 98 into 100 and 1, with 2 and 1 written below it.

$$18 + 3 =$$

Diagram showing the decomposition of 18 into 20 and 1, with 2 and 1 written below it.

$$38 + 3 =$$

Diagram showing the decomposition of 38 into 40 and 1, with 2 and 1 written below it.

$$28 + 3 =$$

Diagram showing the decomposition of 28 into 30 and 1, with 2 and 1 written below it.

$$99 + 3 =$$

Diagram showing the decomposition of 99 into 100 and 2, with 1 and 2 written below it.

$$39 + 3 =$$

Diagram showing the decomposition of 39 into 40 and 2, with 1 and 2 written below it.

$$69 + 3 =$$

Diagram showing the decomposition of 69 into 70 and 2, with 1 and 2 written below it.

$$98 + 3 =$$

Diagram showing the decomposition of 98 into 100 and 1, with 2 and 1 written below it.

$$59 + 3 =$$

Diagram showing the decomposition of 59 into 60 and 2, with 1 and 2 written below it.

$$39 + 3 =$$

Diagram showing the decomposition of 39 into 40 and 2, with 1 and 2 written below it.

$$58 + 3 =$$

Diagram showing the decomposition of 58 into 60 and 1, with 2 and 1 written below it.

$$49 + 3 = 50 + 2 = 52$$

$$28 + 3 =$$

$$59 + 3 =$$

$$68 + 3 =$$

$$49 + 3 =$$

$$69 + 3 =$$

$$49 + 3 =$$

$$19 + 3 =$$

$$59 + 3 =$$

$$58 + 3 =$$

$$99 + 3 =$$

$$39 + 3 =$$

$$98 + 3 =$$

$$59 + 3 =$$

$$39 + 3 =$$

$$38 + 3 =$$

$$78 + 3 =$$

$$48 + 3 =$$

$$49 + 3 = 50 + 2 = 52$$

$$98 + 3 =$$

$$28 + 3 =$$

$$99 + 3 =$$

$$59 + 3 =$$

$$58 + 3 =$$

$$69 + 3 =$$

$$99 + 3 =$$

$$68 + 3 =$$

$$59 + 3 =$$

$$18 + 3 =$$

$$39 + 3 =$$

$$99 + 3 =$$

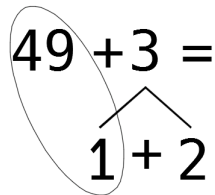
$$49 + 3 =$$

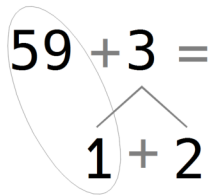
$$78 + 3 =$$

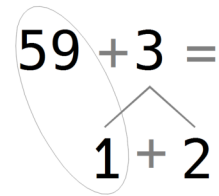
$$59 + 3 =$$

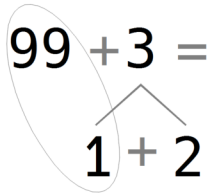
$$39 + 3 =$$

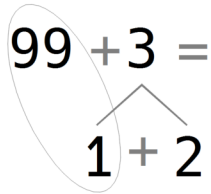
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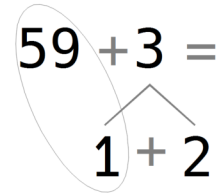
$$49 + 3 = 50 + 2 = 52$$


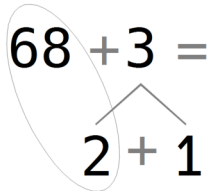
$$59 + 3 =$$


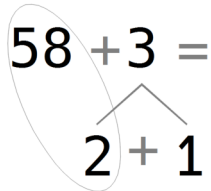
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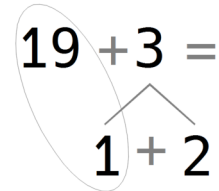
$$99 + 3 =$$


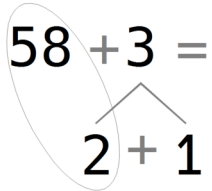
$$99 + 3 =$$


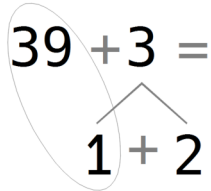
$$59 + 3 =$$


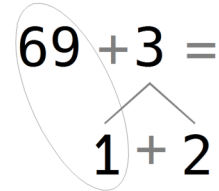
$$68 + 3 =$$


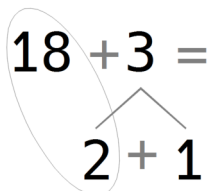
$$58 + 3 =$$


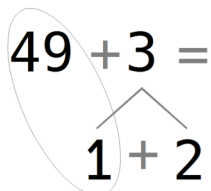
$$19 + 3 =$$


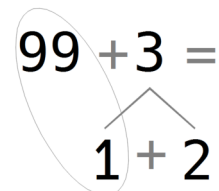
$$58 + 3 =$$


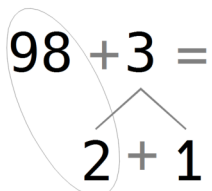
$$39 + 3 =$$


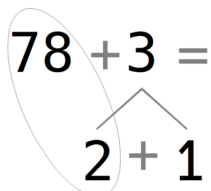
$$69 + 3 =$$


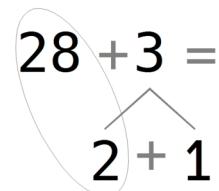
$$18 + 3 =$$


$$49 + 3 =$$


$$99 + 3 =$$


$$98 + 3 =$$


$$78 + 3 =$$


$$28 + 3 =$$


$$49 + 3 = 50 + 2 = 52$$

$1 + 2$

$$39 + 3 =$$

$1 + 2$

$$28 + 3 =$$

$2 + 1$

$$59 + 3 =$$

$1 + 2$

$$78 + 3 =$$

$2 + 1$

$$98 + 3 =$$

$2 + 1$

$$69 + 3 =$$

$1 + 2$

$$48 + 3 =$$

$2 + 1$

$$99 + 3 =$$

$1 + 2$

$$58 + 3 =$$

$2 + 1$

$$69 + 3 =$$

$1 + 2$

$$19 + 3 =$$

$1 + 2$

$$79 + 3 =$$

$1 + 2$

$$98 + 3 =$$

$2 + 1$

$$99 + 3 =$$

$1 + 2$

$$49 + 3 =$$

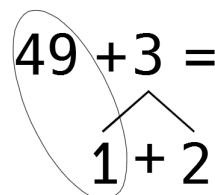
$1 + 2$

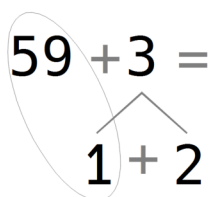
$$69 + 3 =$$

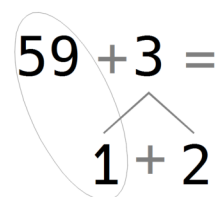
$1 + 2$

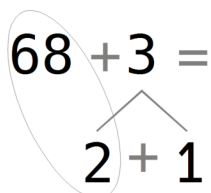
$$59 + 3 =$$

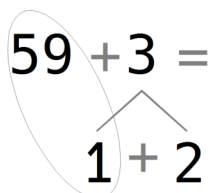
$1 + 2$

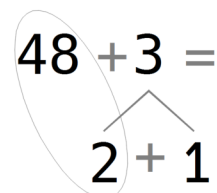
$$49 + 3 = 50 + 2 = 52$$


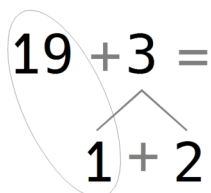
$$59 + 3 =$$


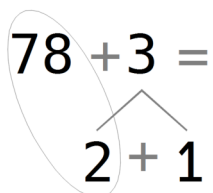
$$59 + 3 =$$


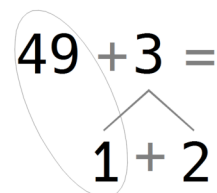
$$68 + 3 =$$


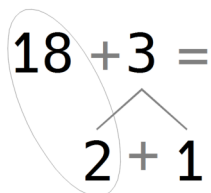
$$59 + 3 =$$


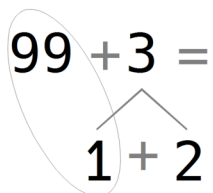
$$48 + 3 =$$


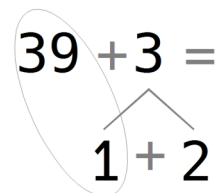
$$19 + 3 =$$


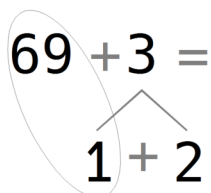
$$78 + 3 =$$


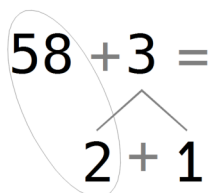
$$49 + 3 =$$


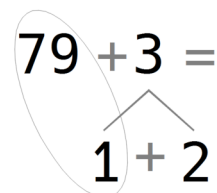
$$18 + 3 =$$


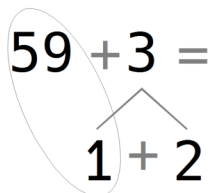
$$99 + 3 =$$


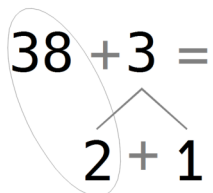
$$39 + 3 =$$


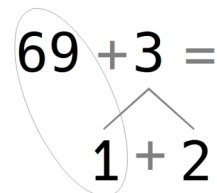
$$69 + 3 =$$


$$58 + 3 =$$


$$79 + 3 =$$


$$59 + 3 =$$


$$38 + 3 =$$


$$69 + 3 =$$


$$49 + 3 = 50 + 2 = 52$$

$$39 + 3 =$$

$$98 + 3 =$$

$$69 + 3 =$$

$$59 + 3 =$$

$$19 + 3 =$$

$$58 + 3 =$$

$$58 + 3 =$$

$$49 + 3 =$$

$$68 + 3 =$$

$$59 + 3 =$$

$$69 + 3 =$$

$$49 + 3 =$$

$$39 + 3 =$$

$$28 + 3 =$$

$$59 + 3 =$$

$$78 + 3 =$$

$$18 + 3 =$$

$$49 + 3 = 50 + 2 = 52$$

Diagram showing 49 in an oval, with lines connecting it to 1 and 2 below, which are added together.

$$48 + 3 =$$

Diagram showing 48 in an oval, with lines connecting it to 2 and 1 below, which are added together.

$$59 + 3 =$$

Diagram showing 59 in an oval, with lines connecting it to 1 and 2 below, which are added together.

$$49 + 3 =$$

Diagram showing 49 in an oval, with lines connecting it to 1 and 2 below, which are added together.

$$59 + 3 =$$

Diagram showing 59 in an oval, with lines connecting it to 1 and 2 below, which are added together.

$$99 + 3 =$$

Diagram showing 99 in an oval, with lines connecting it to 1 and 2 below, which are added together.

$$68 + 3 =$$

Diagram showing 68 in an oval, with lines connecting it to 2 and 1 below, which are added together.

$$19 + 3 =$$

Diagram showing 19 in an oval, with lines connecting it to 1 and 2 below, which are added together.

$$69 + 3 =$$

Diagram showing 69 in an oval, with lines connecting it to 1 and 2 below, which are added together.

$$18 + 3 =$$

Diagram showing 18 in an oval, with lines connecting it to 2 and 1 below, which are added together.

$$78 + 3 =$$

Diagram showing 78 in an oval, with lines connecting it to 2 and 1 below, which are added together.

$$99 + 3 =$$

Diagram showing 99 in an oval, with lines connecting it to 1 and 2 below, which are added together.

$$39 + 3 =$$

Diagram showing 39 in an oval, with lines connecting it to 1 and 2 below, which are added together.

$$28 + 3 =$$

Diagram showing 28 in an oval, with lines connecting it to 2 and 1 below, which are added together.

$$98 + 3 =$$

Diagram showing 98 in an oval, with lines connecting it to 2 and 1 below, which are added together.

$$69 + 3 =$$

Diagram showing 69 in an oval, with lines connecting it to 1 and 2 below, which are added together.

$$49 + 3 =$$

Diagram showing 49 in an oval, with lines connecting it to 1 and 2 below, which are added together.

$$99 + 3 =$$

Diagram showing 99 in an oval, with lines connecting it to 1 and 2 below, which are added together.

$$49 + 3 = 50 + 2 = 52$$

$$59 + 3 =$$

$$59 + 3 =$$

$$58 + 3 =$$

$$59 + 3 =$$

$$78 + 3 =$$

$$68 + 3 =$$

$$49 + 3 =$$

$$69 + 3 =$$

$$58 + 3 =$$

$$59 + 3 =$$

$$99 + 3 =$$

$$28 + 3 =$$

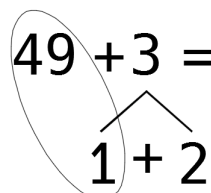
$$18 + 3 =$$

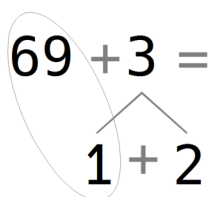
$$69 + 3 =$$

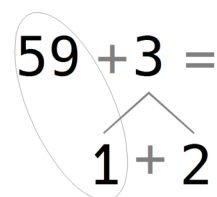
$$98 + 3 =$$

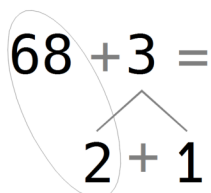
$$98 + 3 =$$

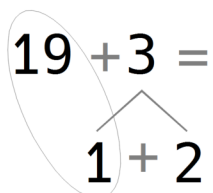
$$48 + 3 =$$

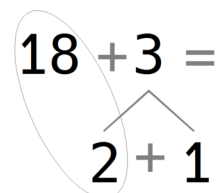
$$49 + 3 = 50 + 2 = 52$$


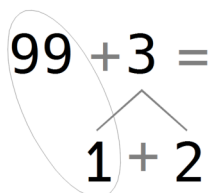
$$69 + 3 =$$


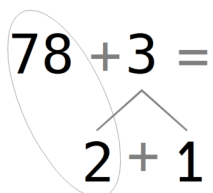
$$59 + 3 =$$


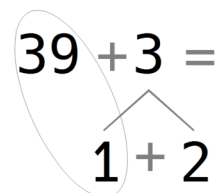
$$68 + 3 =$$


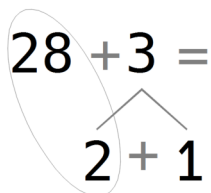
$$19 + 3 =$$


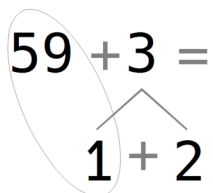
$$18 + 3 =$$


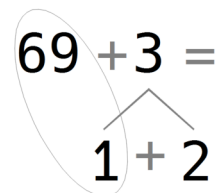
$$99 + 3 =$$


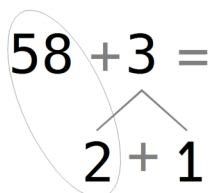
$$78 + 3 =$$


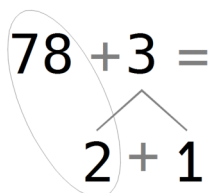
$$39 + 3 =$$


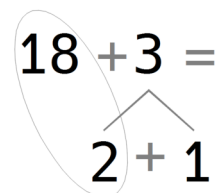
$$28 + 3 =$$


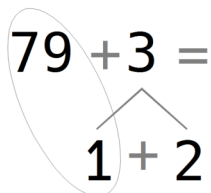
$$59 + 3 =$$


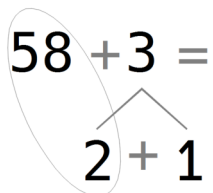
$$69 + 3 =$$


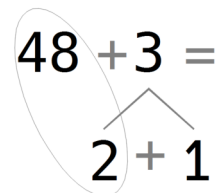
$$58 + 3 =$$


$$78 + 3 =$$


$$18 + 3 =$$


$$79 + 3 =$$


$$58 + 3 =$$


$$48 + 3 =$$


$$49 + 3 = 50 + 2 = 52$$

Diagram showing 49 decomposed into 1 and 2, with lines connecting 1 to 50 and 2 to 52.

$$49 + 3 =$$

Diagram showing 49 decomposed into 1 and 2, with lines connecting 1 to 50 and 2 to 52.

$$59 + 3 =$$

Diagram showing 59 decomposed into 1 and 2, with lines connecting 1 to 60 and 2 to 62.

$$48 + 3 =$$

Diagram showing 48 decomposed into 2 and 1, with lines connecting 2 to 50 and 1 to 51.

$$98 + 3 =$$

Diagram showing 98 decomposed into 2 and 1, with lines connecting 2 to 100 and 1 to 101.

$$39 + 3 =$$

Diagram showing 39 decomposed into 1 and 2, with lines connecting 1 to 40 and 2 to 42.

$$18 + 3 =$$

Diagram showing 18 decomposed into 2 and 1, with lines connecting 2 to 20 and 1 to 21.

$$98 + 3 =$$

Diagram showing 98 decomposed into 2 and 1, with lines connecting 2 to 100 and 1 to 101.

$$99 + 3 =$$

Diagram showing 99 decomposed into 1 and 2, with lines connecting 1 to 100 and 2 to 102.

$$68 + 3 =$$

Diagram showing 68 decomposed into 2 and 1, with lines connecting 2 to 70 and 1 to 71.

$$69 + 3 =$$

Diagram showing 69 decomposed into 1 and 2, with lines connecting 1 to 70 and 2 to 72.

$$59 + 3 =$$

Diagram showing 59 decomposed into 1 and 2, with lines connecting 1 to 60 and 2 to 62.

$$28 + 3 =$$

Diagram showing 28 decomposed into 2 and 1, with lines connecting 2 to 30 and 1 to 31.

$$18 + 3 =$$

Diagram showing 18 decomposed into 2 and 1, with lines connecting 2 to 20 and 1 to 21.

$$69 + 3 =$$

Diagram showing 69 decomposed into 1 and 2, with lines connecting 1 to 70 and 2 to 72.

$$59 + 3 =$$

Diagram showing 59 decomposed into 1 and 2, with lines connecting 1 to 60 and 2 to 62.

$$99 + 3 =$$

Diagram showing 99 decomposed into 1 and 2, with lines connecting 1 to 100 and 2 to 102.

$$78 + 3 =$$

Diagram showing 78 decomposed into 2 and 1, with lines connecting 2 to 80 and 1 to 81.

$$49 + 3 = 50 + 2 = 52$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$59 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$48 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$49 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$98 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$19 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$59 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$59 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$99 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$68 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$79 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$18 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$99 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$69 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$18 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$49 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$58 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$28 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$49 + 3 = 50 + 2 = 52$$

$$58 + 3 =$$

$$49 + 3 =$$

$$59 + 3 =$$

$$39 + 3 =$$

$$98 + 3 =$$

$$99 + 3 =$$

$$79 + 3 =$$

$$68 + 3 =$$

$$58 + 3 =$$

$$18 + 3 =$$

$$19 + 3 =$$

$$39 + 3 =$$

$$69 + 3 =$$

$$48 + 3 =$$

$$28 + 3 =$$

$$69 + 3 =$$

$$99 + 3 =$$

$$49 + 3 = 50 + 2 = 52$$

$$59 + 3 =$$

$$49 + 3 =$$

$$48 + 3 =$$

$$99 + 3 =$$

$$69 + 3 =$$

$$98 + 3 =$$

$$68 + 3 =$$

$$18 + 3 =$$

$$59 + 3 =$$

$$39 + 3 =$$

$$99 + 3 =$$

$$69 + 3 =$$

$$39 + 3 =$$

$$59 + 3 =$$

$$79 + 3 =$$

$$78 + 3 =$$

$$58 + 3 =$$

$$49 + 3 = 50 + 2 = 52$$

Diagram showing the decomposition of 49 into 50 and 2, with 1 and 2 written below 49.

$$19 + 3 =$$

Diagram showing the decomposition of 19 into 20 and 1, with 1 and 2 written below 19.

$$59 + 3 =$$

Diagram showing the decomposition of 59 into 60 and 1, with 1 and 2 written below 59.

$$99 + 3 =$$

Diagram showing the decomposition of 99 into 100 and 1, with 1 and 2 written below 99.

$$48 + 3 =$$

Diagram showing the decomposition of 48 into 49 and 1, with 2 and 1 written below 48.

$$68 + 3 =$$

Diagram showing the decomposition of 68 into 69 and 1, with 2 and 1 written below 68.

$$98 + 3 =$$

Diagram showing the decomposition of 98 into 99 and 1, with 2 and 1 written below 98.

$$18 + 3 =$$

Diagram showing the decomposition of 18 into 19 and 1, with 2 and 1 written below 18.

$$18 + 3 =$$

Diagram showing the decomposition of 18 into 19 and 1, with 2 and 1 written below 18.

$$39 + 3 =$$

Diagram showing the decomposition of 39 into 40 and 1, with 1 and 2 written below 39.

$$28 + 3 =$$

Diagram showing the decomposition of 28 into 29 and 1, with 2 and 1 written below 28.

$$39 + 3 =$$

Diagram showing the decomposition of 39 into 40 and 1, with 1 and 2 written below 39.

$$98 + 3 =$$

Diagram showing the decomposition of 98 into 99 and 1, with 2 and 1 written below 98.

$$49 + 3 =$$

Diagram showing the decomposition of 49 into 50 and 1, with 1 and 2 written below 49.

$$79 + 3 =$$

Diagram showing the decomposition of 79 into 80 and 1, with 1 and 2 written below 79.

$$69 + 3 =$$

Diagram showing the decomposition of 69 into 70 and 1, with 1 and 2 written below 69.

$$59 + 3 =$$

Diagram showing the decomposition of 59 into 60 and 1, with 1 and 2 written below 59.

$$99 + 3 =$$

Diagram showing the decomposition of 99 into 100 and 1, with 1 and 2 written below 99.

$$49 + 3 = 50 + 2 = 52$$

$$59 + 3 =$$

$$99 + 3 =$$

$$68 + 3 =$$

$$49 + 3 =$$

$$69 + 3 =$$

$$18 + 3 =$$

$$99 + 3 =$$

$$48 + 3 =$$

$$38 + 3 =$$

$$28 + 3 =$$

$$69 + 3 =$$

$$49 + 3 =$$

$$59 + 3 =$$

$$18 + 3 =$$

$$39 + 3 =$$

$$19 + 3 =$$

$$58 + 3 =$$

$$49 + 3 = 50 + 2 = 52$$

\swarrow \searrow
 1 + 2

$$59 + 3 =$$

\swarrow \searrow
 1 + 2

$$59 + 3 =$$

\swarrow \searrow
 1 + 2

$$39 + 3 =$$

\swarrow \searrow
 1 + 2

$$59 + 3 =$$

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 1 + 2

$$59 + 3 =$$

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 1 + 2

$$99 + 3 =$$

\swarrow \searrow
 1 + 2

$$68 + 3 =$$

\swarrow \searrow
 2 + 1

$$19 + 3 =$$

\swarrow \searrow
 1 + 2

$$58 + 3 =$$

\swarrow \searrow
 2 + 1

$$18 + 3 =$$

\swarrow \searrow
 2 + 1

$$18 + 3 =$$

\swarrow \searrow
 2 + 1

$$78 + 3 =$$

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 2 + 1

$$49 + 3 =$$

\swarrow \searrow
 1 + 2

$$99 + 3 =$$

\swarrow \searrow
 1 + 2

$$39 + 3 =$$

\swarrow \searrow
 1 + 2

$$78 + 3 =$$

\swarrow \searrow
 2 + 1

$$58 + 3 =$$

\swarrow \searrow
 2 + 1

$$49 + 3 = 50 + 2 = 52$$

$$59 + 3 =$$

$$99 + 3 =$$

$$68 + 3 =$$

$$69 + 3 =$$

$$28 + 3 =$$

$$38 + 3 =$$

$$78 + 3 =$$

$$99 + 3 =$$

$$18 + 3 =$$

$$58 + 3 =$$

$$98 + 3 =$$

$$59 + 3 =$$

$$39 + 3 =$$

$$59 + 3 =$$

$$69 + 3 =$$

$$78 + 3 =$$

$$79 + 3 =$$

$$49 + 3 = 50 + 2 = 52$$

Diagram showing 49 in an oval with lines connecting it to 1 and 2 below, which are summed as 1 + 2.

$$39 + 3 =$$

Diagram showing 39 in an oval with lines connecting it to 1 and 2 below, which are summed as 1 + 2.

$$59 + 3 =$$

Diagram showing 59 in an oval with lines connecting it to 1 and 2 below, which are summed as 1 + 2.

$$59 + 3 =$$

Diagram showing 59 in an oval with lines connecting it to 1 and 2 below, which are summed as 1 + 2.

$$38 + 3 =$$

Diagram showing 38 in an oval with lines connecting it to 2 and 1 below, which are summed as 2 + 1.

$$58 + 3 =$$

Diagram showing 58 in an oval with lines connecting it to 2 and 1 below, which are summed as 2 + 1.

$$99 + 3 =$$

Diagram showing 99 in an oval with lines connecting it to 1 and 2 below, which are summed as 1 + 2.

$$59 + 3 =$$

Diagram showing 59 in an oval with lines connecting it to 1 and 2 below, which are summed as 1 + 2.

$$99 + 3 =$$

Diagram showing 99 in an oval with lines connecting it to 1 and 2 below, which are summed as 1 + 2.

$$69 + 3 =$$

Diagram showing 69 in an oval with lines connecting it to 1 and 2 below, which are summed as 1 + 2.

$$18 + 3 =$$

Diagram showing 18 in an oval with lines connecting it to 2 and 1 below, which are summed as 2 + 1.

$$58 + 3 =$$

Diagram showing 58 in an oval with lines connecting it to 2 and 1 below, which are summed as 2 + 1.

$$28 + 3 =$$

Diagram showing 28 in an oval with lines connecting it to 2 and 1 below, which are summed as 2 + 1.

$$98 + 3 =$$

Diagram showing 98 in an oval with lines connecting it to 2 and 1 below, which are summed as 2 + 1.

$$69 + 3 =$$

Diagram showing 69 in an oval with lines connecting it to 1 and 2 below, which are summed as 1 + 2.

$$49 + 3 =$$

Diagram showing 49 in an oval with lines connecting it to 1 and 2 below, which are summed as 1 + 2.

$$69 + 3 =$$

Diagram showing 69 in an oval with lines connecting it to 1 and 2 below, which are summed as 1 + 2.

$$18 + 3 =$$

Diagram showing 18 in an oval with lines connecting it to 2 and 1 below, which are summed as 2 + 1.

$$49 + 3 = 50 + 2 = 52$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$69 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$38 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$58 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$69 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$98 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$19 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$18 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$99 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$68 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$48 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$39 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$99 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$59 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$18 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$39 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$78 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$49 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$49 + 3 = 50 + 2 = 52$$

Diagram showing 49 decomposed into 1 and 2.

$$49 + 3 =$$

Diagram showing 49 decomposed into 1 and 2.

$$49 + 3 =$$

Diagram showing 49 decomposed into 1 and 2.

$$98 + 3 =$$

Diagram showing 98 decomposed into 2 and 1.

$$38 + 3 =$$

Diagram showing 38 decomposed into 2 and 1.

$$58 + 3 =$$

Diagram showing 58 decomposed into 2 and 1.

$$99 + 3 =$$

Diagram showing 99 decomposed into 1 and 2.

$$68 + 3 =$$

Diagram showing 68 decomposed into 2 and 1.

$$59 + 3 =$$

Diagram showing 59 decomposed into 1 and 2.

$$18 + 3 =$$

Diagram showing 18 decomposed into 2 and 1.

$$39 + 3 =$$

Diagram showing 39 decomposed into 1 and 2.

$$18 + 3 =$$

Diagram showing 18 decomposed into 2 and 1.

$$48 + 3 =$$

Diagram showing 48 decomposed into 2 and 1.

$$19 + 3 =$$

Diagram showing 19 decomposed into 1 and 2.

$$69 + 3 =$$

Diagram showing 69 decomposed into 1 and 2.

$$99 + 3 =$$

Diagram showing 99 decomposed into 1 and 2.

$$79 + 3 =$$

Diagram showing 79 decomposed into 1 and 2.

$$28 + 3 =$$

Diagram showing 28 decomposed into 2 and 1.

$$49 + 3 = 50 + 2 = 52$$

$$59 + 3 =$$

$$19 + 3 =$$

$$48 + 3 =$$

$$69 + 3 =$$

$$58 + 3 =$$

$$69 + 3 =$$

$$98 + 3 =$$

$$98 + 3 =$$

$$99 + 3 =$$

$$68 + 3 =$$

$$18 + 3 =$$

$$99 + 3 =$$

$$58 + 3 =$$

$$59 + 3 =$$

$$28 + 3 =$$

$$49 + 3 =$$

$$78 + 3 =$$

$$49 + 3 = 50 + 2 = 52$$

Diagram showing the decomposition of 49 into 40 and 9, and 9 into 1 and 2. The 1 and 2 are circled, and the final result 52 is shown as the sum of 50 and 2.

$$59 + 3 =$$

Diagram showing the decomposition of 59 into 50 and 9, and 9 into 1 and 2. The 1 and 2 are circled.

$$59 + 3 =$$

Diagram showing the decomposition of 59 into 50 and 9, and 9 into 1 and 2. The 1 and 2 are circled.

$$59 + 3 =$$

Diagram showing the decomposition of 59 into 50 and 9, and 9 into 1 and 2. The 1 and 2 are circled.

$$68 + 3 =$$

Diagram showing the decomposition of 68 into 60 and 8, and 8 into 2 and 1. The 2 and 1 are circled.

$$69 + 3 =$$

Diagram showing the decomposition of 69 into 60 and 9, and 9 into 1 and 2. The 1 and 2 are circled.

$$19 + 3 =$$

Diagram showing the decomposition of 19 into 10 and 9, and 9 into 1 and 2. The 1 and 2 are circled.

$$39 + 3 =$$

Diagram showing the decomposition of 39 into 30 and 9, and 9 into 1 and 2. The 1 and 2 are circled.

$$18 + 3 =$$

Diagram showing the decomposition of 18 into 10 and 8, and 8 into 2 and 1. The 2 and 1 are circled.

$$28 + 3 =$$

Diagram showing the decomposition of 28 into 20 and 8, and 8 into 2 and 1. The 2 and 1 are circled.

$$98 + 3 =$$

Diagram showing the decomposition of 98 into 90 and 8, and 8 into 2 and 1. The 2 and 1 are circled.

$$69 + 3 =$$

Diagram showing the decomposition of 69 into 60 and 9, and 9 into 1 and 2. The 1 and 2 are circled.

$$99 + 3 =$$

Diagram showing the decomposition of 99 into 90 and 9, and 9 into 1 and 2. The 1 and 2 are circled.

$$69 + 3 =$$

Diagram showing the decomposition of 69 into 60 and 9, and 9 into 1 and 2. The 1 and 2 are circled.

$$59 + 3 =$$

Diagram showing the decomposition of 59 into 50 and 9, and 9 into 1 and 2. The 1 and 2 are circled.

$$38 + 3 =$$

Diagram showing the decomposition of 38 into 30 and 8, and 8 into 2 and 1. The 2 and 1 are circled.

$$48 + 3 =$$

Diagram showing the decomposition of 48 into 40 and 8, and 8 into 2 and 1. The 2 and 1 are circled.

$$78 + 3 =$$

Diagram showing the decomposition of 78 into 70 and 8, and 8 into 2 and 1. The 2 and 1 are circled.

$$49 + 3 = 50 + 2 = 52$$

$$99 + 3 =$$

$$59 + 3 =$$

$$98 + 3 =$$

$$99 + 3 =$$

$$49 + 3 =$$

$$78 + 3 =$$

$$48 + 3 =$$

$$69 + 3 =$$

$$59 + 3 =$$

$$99 + 3 =$$

$$39 + 3 =$$

$$69 + 3 =$$

$$59 + 3 =$$

$$39 + 3 =$$

$$59 + 3 =$$

$$98 + 3 =$$

$$69 + 3 =$$

$$49 + 3 = 50 + 2 = 52$$

$$59 + 3 =$$

$$69 + 3 =$$

$$98 + 3 =$$

$$68 + 3 =$$

$$18 + 3 =$$

$$49 + 3 =$$

$$19 + 3 =$$

$$99 + 3 =$$

$$69 + 3 =$$

$$78 + 3 =$$

$$49 + 3 =$$

$$58 + 3 =$$

$$59 + 3 =$$

$$58 + 3 =$$

$$69 + 3 =$$

$$78 + 3 =$$

$$38 + 3 =$$

$$49 + 3 = 50 + 2 = 52$$

$$59 + 3 =$$

$$38 + 3 =$$

$$99 + 3 =$$

$$68 + 3 =$$

$$19 + 3 =$$

$$59 + 3 =$$

$$18 + 3 =$$

$$99 + 3 =$$

$$58 + 3 =$$

$$58 + 3 =$$

$$69 + 3 =$$

$$39 + 3 =$$

$$28 + 3 =$$

$$98 + 3 =$$

$$39 + 3 =$$

$$48 + 3 =$$

$$69 + 3 =$$

$$49 + 3 = 50 + 2 = 52$$

\swarrow \searrow
 1 + 2

$$68 + 3 =$$

\swarrow \searrow
 2 + 1

$$59 + 3 =$$

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 1 + 2

$$69 + 3 =$$

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 1 + 2

$$49 + 3 =$$

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 1 + 2

$$98 + 3 =$$

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 2 + 1

$$59 + 3 =$$

\swarrow \searrow
 1 + 2

$$58 + 3 =$$

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 2 + 1

$$99 + 3 =$$

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 1 + 2

$$39 + 3 =$$

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 1 + 2

$$59 + 3 =$$

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 1 + 2

$$28 + 3 =$$

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 2 + 1

$$38 + 3 =$$

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 2 + 1

$$78 + 3 =$$

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 2 + 1

$$39 + 3 =$$

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 1 + 2

$$48 + 3 =$$

\swarrow \searrow
 2 + 1

$$69 + 3 =$$

\swarrow \searrow
 1 + 2

$$98 + 3 =$$

\swarrow \searrow
 2 + 1

$$49 + 3 = 50 + 2 = 52$$

Diagram showing 49 decomposed into 40 and 9, with 9 further decomposed into 1 and 2. The 1 and 2 are circled together.

$$59 + 3 =$$

Diagram showing 59 decomposed into 50 and 9, with 9 further decomposed into 1 and 2. The 1 and 2 are circled together.

$$69 + 3 =$$

Diagram showing 69 decomposed into 60 and 9, with 9 further decomposed into 1 and 2. The 1 and 2 are circled together.

$$99 + 3 =$$

Diagram showing 99 decomposed into 90 and 9, with 9 further decomposed into 1 and 2. The 1 and 2 are circled together.

$$68 + 3 =$$

Diagram showing 68 decomposed into 60 and 8, with 8 further decomposed into 2 and 1. The 2 and 1 are circled together.

$$28 + 3 =$$

Diagram showing 28 decomposed into 20 and 8, with 8 further decomposed into 2 and 1. The 2 and 1 are circled together.

$$18 + 3 =$$

Diagram showing 18 decomposed into 10 and 8, with 8 further decomposed into 2 and 1. The 2 and 1 are circled together.

$$59 + 3 =$$

Diagram showing 59 decomposed into 50 and 9, with 9 further decomposed into 1 and 2. The 1 and 2 are circled together.

$$79 + 3 =$$

Diagram showing 79 decomposed into 70 and 9, with 9 further decomposed into 1 and 2. The 1 and 2 are circled together.

$$48 + 3 =$$

Diagram showing 48 decomposed into 40 and 8, with 8 further decomposed into 2 and 1. The 2 and 1 are circled together.

$$59 + 3 =$$

Diagram showing 59 decomposed into 50 and 9, with 9 further decomposed into 1 and 2. The 1 and 2 are circled together.

$$78 + 3 =$$

Diagram showing 78 decomposed into 70 and 8, with 8 further decomposed into 2 and 1. The 2 and 1 are circled together.

$$38 + 3 =$$

Diagram showing 38 decomposed into 30 and 8, with 8 further decomposed into 2 and 1. The 2 and 1 are circled together.

$$18 + 3 =$$

Diagram showing 18 decomposed into 10 and 8, with 8 further decomposed into 2 and 1. The 2 and 1 are circled together.

$$39 + 3 =$$

Diagram showing 39 decomposed into 30 and 9, with 9 further decomposed into 1 and 2. The 1 and 2 are circled together.

$$69 + 3 =$$

Diagram showing 69 decomposed into 60 and 9, with 9 further decomposed into 1 and 2. The 1 and 2 are circled together.

$$39 + 3 =$$

Diagram showing 39 decomposed into 30 and 9, with 9 further decomposed into 1 and 2. The 1 and 2 are circled together.

$$59 + 3 =$$

Diagram showing 59 decomposed into 50 and 9, with 9 further decomposed into 1 and 2. The 1 and 2 are circled together.

$$49 + 3 = 50 + 2 = 52$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$59 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$99 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$49 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$69 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$19 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$28 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$18 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$49 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$59 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$59 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$39 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$58 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$69 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$18 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$69 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 1 + 2 \end{array}$

$$78 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$58 + 3 =$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 + 1 \end{array}$

$$49 + 3 = 50 + 2 = 52$$

$$59 + 3 =$$

$$99 + 3 =$$

$$69 + 3 =$$

$$59 + 3 =$$

$$78 + 3 =$$

$$48 + 3 =$$

$$98 + 3 =$$

$$18 + 3 =$$

$$99 + 3 =$$

$$39 + 3 =$$

$$69 + 3 =$$

$$39 + 3 =$$

$$58 + 3 =$$

$$98 + 3 =$$

$$18 + 3 =$$

$$69 + 3 =$$

$$78 + 3 =$$