

Use complements of Numbers:

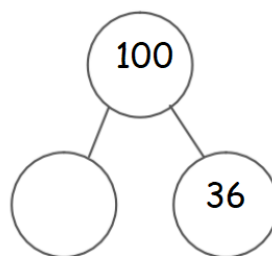
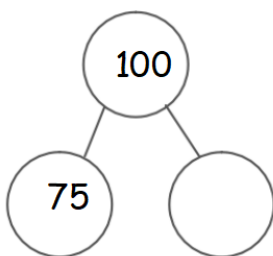
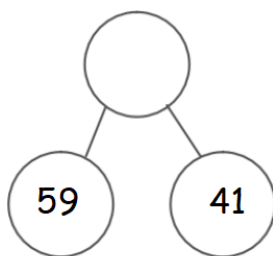
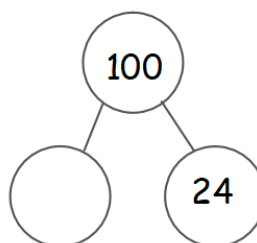
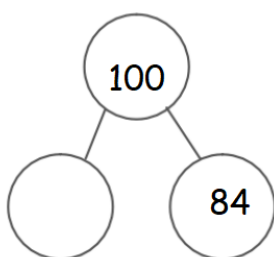
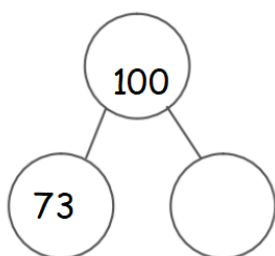
$$5 + \underline{\quad} = 10$$

$$\underline{\quad} + 2 = 10$$

$$14 + \underline{\quad} = 20$$

$$7 + \underline{\quad} = 20$$

$$\underline{\quad} + 20 = 20$$



Find the missing number:

$$\begin{array}{r} 60 \\ + \quad \quad \\ \hline 100 \end{array}$$

$$\begin{array}{r} 30 \\ + \quad \quad \\ \hline 100 \end{array}$$

$$\begin{array}{r} 28 \\ + \quad \quad \\ \hline 100 \end{array}$$

match to find the complements of 100:

56

10

26

89

43

74

90

44

11

57

Addition vertically

we start adding from the ones

$\begin{array}{r} 10 \\ + 12 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ + 23 \\ \hline \end{array}$	$\begin{array}{r} 24 \\ + 12 \\ \hline \end{array}$
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$\begin{array}{r} 33 \\ + 15 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ + 35 \\ \hline \end{array}$	$\begin{array}{r} 44 \\ + 22 \\ \hline \end{array}$
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$\begin{array}{r} 50 \\ + 32 \\ \hline \end{array}$	$\begin{array}{r} 82 \\ + 17 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ + 22 \\ \hline \end{array}$
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$$\begin{array}{r} 524 \\ +223 \\ \hline \end{array}$$

$$\begin{array}{r} 422 \\ +452 \\ \hline \end{array}$$

$$\begin{array}{r} 725 \\ +223 \\ \hline \end{array}$$

$$\begin{array}{r} 832 \\ +123 \\ \hline \end{array}$$

$$\begin{array}{r} 253 \\ +236 \\ \hline \end{array}$$

$$\begin{array}{r} 457 \\ +342 \\ \hline \end{array}$$

$$\begin{array}{r} 655 \\ +334 \\ \hline \end{array}$$

$$\begin{array}{r} 324 \\ +243 \\ \hline \end{array}$$

$$\begin{array}{r} 449 \\ +430 \\ \hline \end{array}$$

subtracting vertically

we start subtracting from the ones

$\begin{array}{r} 49 \\ - 16 \\ \hline \square \end{array}$	$\begin{array}{r} 69 \\ - 8 \\ \hline \square \end{array}$	$\begin{array}{r} 57 \\ - 34 \\ \hline \square \end{array}$
$\begin{array}{r} 57 \\ - 35 \\ \hline \square \end{array}$	$\begin{array}{r} 72 \\ - 40 \\ \hline \square \end{array}$	$\begin{array}{r} 84 \\ - 22 \\ \hline \square \end{array}$
$\begin{array}{r} 83 \\ - 40 \\ \hline \square \end{array}$	$\begin{array}{r} 28 \\ - 26 \\ \hline \square \end{array}$	$\begin{array}{r} 74 \\ - 34 \\ \hline \square \end{array}$
$\begin{array}{r} 57 \\ - 4 \\ \hline \square \end{array}$	$\begin{array}{r} 59 \\ - 48 \\ \hline \square \end{array}$	$\begin{array}{r} 84 \\ - 43 \\ \hline \square \end{array}$

$\begin{array}{r} 932 \\ - 810 \\ \hline \end{array}$	$\begin{array}{r} 549 \\ - 320 \\ \hline \end{array}$	$\begin{array}{r} 950 \\ - 130 \\ \hline \end{array}$	$\begin{array}{r} 566 \\ - 343 \\ \hline \end{array}$
$\begin{array}{r} 274 \\ - 153 \\ \hline \end{array}$	$\begin{array}{r} 384 \\ - 262 \\ \hline \end{array}$	$\begin{array}{r} 796 \\ - 270 \\ \hline \end{array}$	$\begin{array}{r} 243 \\ - 120 \\ \hline \end{array}$
$\begin{array}{r} 266 \\ - 124 \\ \hline \end{array}$	$\begin{array}{r} 978 \\ - 736 \\ \hline \end{array}$	$\begin{array}{r} 486 \\ - 346 \\ \hline \end{array}$	$\begin{array}{r} 598 \\ - 155 \\ \hline \end{array}$

addition with regrouping

we start adding from the ones

10 or more we take the extra next door

64	88	26
+ 28	+ 6	+ 55
39	53	37
+ 49	+ 37	+ 34
38	55	68
+ 56	+ 25	+ 24

546	438	312
+ 436	+ 522	+ 349

724	239	523
+ 137	+ 436	+ 267

155	447	262
+ 238	+ 327	+ 219

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$\begin{array}{r} 71 \\ - 36 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ - 59 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 28 \\ \hline \end{array}$

$\begin{array}{r} \square 63 \square \\ - 45 \\ \hline \end{array}$	$\begin{array}{r} \square 92 \square \\ - 67 \\ \hline \end{array}$	$\begin{array}{r} \square 40 \square \\ - 25 \\ \hline \end{array}$

$\begin{array}{r} \square 82 \square \\ - 38 \\ \hline \end{array}$	$\begin{array}{r} \square 91 \square \\ - 73 \\ \hline \end{array}$	$\begin{array}{r} \square 60 \square \\ - 47 \\ \hline \end{array}$

$\begin{array}{r} \square 73 \square \\ - 58 \\ \hline \end{array}$	$\begin{array}{r} \square 51 \square \\ - 34 \\ \hline \end{array}$	$\begin{array}{r} \square 80 \square \\ - 67 \\ \hline \end{array}$

HUNDREDS	TENS	ONES		HUNDREDS	TENS	ONES	
2	8	5		-	6	7	3
1	6	6		-		5	4

HUNDREDS	TENS	ONES		HUNDREDS	TENS	ONES	
7	9	2		-	3	9	2
	8	8		-	2	4	6

HUNDREDS	TENS	ONES		HUNDREDS	TENS	ONES	
4	7	1		-	5	8	0
1	2	5		-		2	4

$$\begin{array}{r} 147 \\ + 65 \\ \hline \end{array}$$

$$\begin{array}{r} 249 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 480 \\ + 96 \\ \hline \end{array}$$

$$\begin{array}{r} 724 \\ + 77 \\ \hline \end{array}$$

$$\begin{array}{r} 338 \\ + 164 \\ \hline \end{array}$$

$$\begin{array}{r} 761 \\ + 139 \\ \hline \end{array}$$

$$\begin{array}{r} 623 \\ + 479 \\ \hline \end{array}$$

$$\begin{array}{r} 584 \\ + 215 \\ \hline \end{array}$$

$$\begin{array}{r} 328 \\ - 68 \\ \hline \end{array}$$

$$\begin{array}{r} 169 \\ - 74 \\ \hline \end{array}$$

$$\begin{array}{r} 943 \\ - 52 \\ \hline \end{array}$$

$$\begin{array}{r} 517 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} 876 \\ - 268 \\ \hline \end{array}$$

$$\begin{array}{r} 545 \\ - 385 \\ \hline \end{array}$$

$$\begin{array}{r} 808 \\ - 628 \\ \hline \end{array}$$

$$\begin{array}{r} 734 \\ - 461 \\ \hline \end{array}$$