

# Addition Using Partitioning

When we use the partitioning strategy to add numbers, we break them into smaller parts to make adding easier. First add the tens then add the ones then add the 2 totals together to find the answer. Using partitioning makes adding big numbers easier by handling smaller parts one at a time!

$$34 + 27 = \boxed{61}$$

Add the tens

$$\boxed{30} + \boxed{20} = \boxed{50}$$

Add the ones

$$\boxed{4} + \boxed{7} = \boxed{11}$$

Add the totals (red boxes)

$$\boxed{50} + \boxed{11} = \boxed{61}$$

$$23 + 15 = \boxed{\phantom{00}}$$

Add the tens

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Add the ones

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Add the totals (red boxes)

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$42 + 36 = \boxed{\phantom{00}}$$

Add the tens

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Add the ones

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Add the totals (red boxes)

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$55 + 23 = \boxed{\phantom{00}}$$

Add the tens

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Add the ones

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Add the totals (red boxes)

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$61 + 18 = \boxed{\phantom{00}}$$

Add the tens

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Add the ones

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Add the totals (red boxes)

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$27 + 12 = \boxed{\phantom{00}}$$

Add the tens

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Add the ones

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Add the totals (red boxes)

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



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$38 + 25 = \boxed{\quad}$

Add the tens

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the ones

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the totals (red boxes)

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

$49 + 14 = \boxed{\quad}$

Add the tens

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the ones

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the totals (red boxes)

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

$56 + 22 = \boxed{\quad}$

Add the tens

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the ones

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the totals (red boxes)

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

$63 + 17 = \boxed{\quad}$

Add the tens

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the ones

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the totals (red boxes)

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

$29 + 13 = \boxed{\quad}$

Add the tens

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the ones

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the totals (red boxes)

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

$41 + 28 = \boxed{\quad}$

Add the tens

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the ones

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the totals (red boxes)

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$



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$52 + 31 = \boxed{\quad}$

Add the tens	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>
Add the ones	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>
Add the totals (red boxes)	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>

$47 + 32 = \boxed{\quad}$

Add the tens	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>
Add the ones	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>
Add the totals (red boxes)	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>

$21 + 64 = \boxed{\quad}$

Add the tens	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>
Add the ones	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>
Add the totals (red boxes)	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>

$14 + 35 = \boxed{\quad}$

Add the tens	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>
Add the ones	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>
Add the totals (red boxes)	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>

$16 + 48 = \boxed{\quad}$

Add the tens	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>
Add the ones	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>
Add the totals (red boxes)	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>

$51 + 23 = \boxed{\quad}$

Add the tens	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>
Add the ones	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>
Add the totals (red boxes)	<input type="text"/>	<input type="text"/>	$=$	<input type="text"/>



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$12 + 67 = \boxed{\quad}$

Add the tens

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the ones

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the totals (red boxes)

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

$18 + 24 = \boxed{\quad}$

Add the tens

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the ones

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the totals (red boxes)

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

$13 + 29 = \boxed{\quad}$

Add the tens

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the ones

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the totals (red boxes)

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

$33 + 20 = \boxed{\quad}$

Add the tens

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the ones

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the totals (red boxes)

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

$11 + 29 = \boxed{\quad}$

Add the tens

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the ones

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the totals (red boxes)

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

$41 + 13 = \boxed{\quad}$

Add the tens

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the ones

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

Add the totals (red boxes)

$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$

