

Adding Numbers in Any Order

Aim: I can add numbers to 20 in any order.

It doesn't matter in what order we add numbers together – the answer will always be the same.

$2 + 5$ is the same as $5 + 2$

1. Solve and match up these calculations:

$6 + 2 = \underline{\quad}$
$7 + 8 = \underline{\quad}$
$4 + 9 = \underline{\quad}$
$2 + 9 = \underline{\quad}$
$1 + 8 = \underline{\quad}$

$8 + 1 = \underline{\quad}$
$9 + 4 = \underline{\quad}$
$8 + 7 = \underline{\quad}$
$2 + 6 = \underline{\quad}$
$9 + 2 = \underline{\quad}$

2. Identify the missing numbers in these matching calculations.

- | | | |
|---------------------------------|---------------------------------|---------------------------------|
| a) $3 + \underline{\quad} = 7$ | b) $3 + \underline{\quad} = 12$ | c) $4 + \underline{\quad} = 10$ |
| $4 + \underline{\quad} = 7$ | $9 + \underline{\quad} = 12$ | $6 + \underline{\quad} = 10$ |
| d) $2 + \underline{\quad} = 8$ | e) $2 + \underline{\quad} = 13$ | f) $1 + \underline{\quad} = 6$ |
| $6 + \underline{\quad} = 8$ | $11 + \underline{\quad} = 13$ | $5 + \underline{\quad} = 6$ |
| g) $8 + \underline{\quad} = 15$ | h) $5 + \underline{\quad} = 9$ | i) $7 + \underline{\quad} = 11$ |
| $7 + \underline{\quad} = 15$ | $4 + \underline{\quad} = 9$ | $4 + \underline{\quad} = 11$ |

3. Write these calculations in a different way.

- | | | |
|--------------------------------|--------------------------------|--------------------------------|
| a) $7 + 4 = \underline{\quad}$ | b) $5 + 9 = \underline{\quad}$ | c) $9 + 8 = \underline{\quad}$ |
| $\underline{\quad}$ | $\underline{\quad}$ | $\underline{\quad}$ |

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1. Solve and match up these calculations:

$6 + 2 = 8$	$8 + 1 = 9$
$7 + 8 = 15$	$9 + 4 = 13$
$4 + 9 = 13$	$8 + 7 = 15$
$2 + 9 = 11$	$2 + 6 = 8$
$1 + 8 = 9$	$9 + 2 = 11$

2. Identify the missing numbers in these matching calculations.

- a) $3 + 4 = 7$
 $4 + 3 = 7$
- b) $3 + 9 = 12$
 $9 + 3 = 12$
- c) $4 + 6 = 10$
 $6 + 4 = 10$
- d) $2 + 6 = 8$
 $6 + 2 = 8$
- e) $2 + 11 = 13$
 $11 + 2 = 13$
- f) $1 + 5 = 6$
 $5 + 1 = 6$
- g) $8 + 7 = 15$
 $7 + 8 = 15$
- h) $5 + 4 = 9$
 $4 + 5 = 9$
- i) $7 + 4 = 11$
 $4 + 7 = 11$

3. Write these calculations in a different way.

- a) $7 + 4 = 11$
 $4 + 7 = 11$
- b) $5 + 9 = 14$
 $9 + 5 = 14$
- c) $9 + 8 = 17$
 $8 + 9 = 17$

Adding Numbers in Any Order

Aim: I can add numbers to 20 in any order.

It doesn't matter in what order we add numbers together – the answer will always be the same.

$2 + 5 + 1$ is the same as $2 + 1 + 5$ is the same as $5 + 1 + 2$

1. Solve and match up these calculations:

$6 + 2 + 5 = \underline{\quad}$
$7 + 8 + 3 = \underline{\quad}$
$1 + 4 + 9 = \underline{\quad}$
$2 + 9 + 4 = \underline{\quad}$
$3 + 1 + 8 = \underline{\quad}$

$3 + 8 + 7 = \underline{\quad}$
$9 + 4 + 2 = \underline{\quad}$
$8 + 1 + 3 = \underline{\quad}$
$2 + 5 + 6 = \underline{\quad}$
$1 + 9 + 4 = \underline{\quad}$

2. Identify the missing numbers in these matching calculations.

a) $2 + 4 + 1 = 7$

b) $7 + 3 + 2 = 12$

c) $2 + 1 + 7 = 10$

$4 + 1 + \underline{\quad} = 7$

$3 + 2 + \underline{\quad} = 12$

$1 + 7 + \underline{\quad} = 10$

d) $1 + 2 + 5 = 8$

e) $6 + 2 + 5 = 13$

f) $1 + 3 + \underline{\quad} = 6$

$2 + 5 + \underline{\quad} = 8$

$2 + 5 + \underline{\quad} = 13$

$2 + 1 + \underline{\quad} = 6$

g) $3 + 8 + \underline{\quad} = 15$

h) $1 + 5 + \underline{\quad} = 9$

i) $1 + 7 + \underline{\quad} = 11$

$3 + 4 + \underline{\quad} = 15$

$3 + 1 + \underline{\quad} = 9$

$3 + 1 + \underline{\quad} = 11$

3. Write these calculations in a different way.

a) $7 + 4 + 3 = \underline{\quad}$

b) $5 + 9 + 2 = \underline{\quad}$

c) $9 + 8 + 4 = \underline{\quad}$

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It doesn't matter in what order we add numbers together – the answer will always be the same.

$2 + 5 + 1$ is the same as $2 + 1 + 5$ is the same as $5 + 1 + 2$

1. Solve and match up these calculations:

$6 + 2 + 5 = 13$	$3 + 8 + 7 = 18$
$7 + 8 + 3 = 18$	$9 + 4 + 2 = 15$
$1 + 4 + 9 = 14$	$8 + 1 + 3 = 12$
$2 + 9 + 4 = 15$	$2 + 5 + 6 = 13$
$3 + 1 + 8 = 12$	$1 + 9 + 4 = 14$

2. Identify the missing numbers in these matching calculations.

a) $2 + 4 + 1 = 7$

b) $7 + 3 + 2 = 12$

c) $2 + 1 + 7 = 10$

$4 + 1 + 2 = 7$

$3 + 2 + 7 = 12$

$1 + 7 + 2 = 10$

d) $1 + 2 + 5 = 8$

e) $6 + 2 + 5 = 13$

f) $1 + 3 + 2 = 6$

$2 + 5 + 1 = 8$

$2 + 5 + 6 = 13$

$2 + 1 + 3 = 6$

g) $3 + 8 + 4 = 15$

h) $1 + 5 + 3 = 9$

i) $1 + 7 + 3 = 11$

$3 + 4 + 8 = 15$

$3 + 1 + 5 = 9$

$3 + 1 + 7 = 11$

3. Write these calculations in a different way.

a) $7 + 4 + 3 = 14$

b) $5 + 9 + 2 = 16$

c) $9 + 8 + 4 = 21$

$4 + 3 + 7 = 14$

$9 + 2 + 5 = 16$

$8 + 4 + 9 = 21$

$3 + 7 + 4 = 14$

$2 + 5 + 9 = 16$

$4 + 9 + 8 = 21$

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It doesn't matter in what order we add numbers together – the answer will always be the same.

$12 + 5 + 11$ is the same as $12 + 11 + 5$ is the same as $5 + 11 + 12$

1. Solve and match up these calculations:

$16 + 2 + 15 = \underline{\quad}$
$17 + 18 + 3 = \underline{\quad}$
$1 + 14 + 19 = \underline{\quad}$
$12 + 9 + 14 = \underline{\quad}$
$13 + 11 + 8 = \underline{\quad}$

$3 + 18 + 17 = \underline{\quad}$
$9 + 14 + 12 = \underline{\quad}$
$8 + 11 + 13 = \underline{\quad}$
$2 + 15 + 16 = \underline{\quad}$
$1 + 19 + 14 = \underline{\quad}$

2. Identify the missing numbers in these matching calculations.

- a) $12 + 14 + 1 = 27$ b) $17 + 13 + 2 = 32$ c) $12 + 11 + 7 = 30$
 $14 + 1 + \underline{\quad} = 27$ $13 + 2 + \underline{\quad} = 32$ $11 + 7 + \underline{\quad} = 30$
- d) $11 + 2 + \underline{\quad} = 28$ e) $16 + 2 + \underline{\quad} = 33$ f) $11 + 3 + \underline{\quad} = 26$
 $2 + 15 + \underline{\quad} = 28$ $2 + 15 + \underline{\quad} = 33$ $12 + 11 + \underline{\quad} = 26$
- g) $4 + 18 + \underline{\quad} = 35$ h) $1 + 15 + \underline{\quad} = 29$ i) $1 + 17 + \underline{\quad} = 31$
 $13 + 4 + \underline{\quad} = 35$ $13 + 1 + \underline{\quad} = 29$ $13 + 1 + \underline{\quad} = 31$

3. Write these calculations in a different way.

- a) $17 + 14 + 3 = \underline{\quad}$ b) $15 + 9 + 12 = \underline{\quad}$ c) $9 + 18 + 14 = \underline{\quad}$
 $\underline{\quad}$ $\underline{\quad}$ $\underline{\quad}$
 $\underline{\quad}$ $\underline{\quad}$ $\underline{\quad}$

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$12 + 5 + 11$ is the same as $12 + 11 + 5$ is the same as $5 + 11 + 12$

1. Solve and match up these calculations:

$16 + 2 + 15 = 33$	$3 + 18 + 17 = 38$
$17 + 18 + 3 = 38$	$9 + 14 + 12 = 35$
$1 + 14 + 19 = 34$	$8 + 11 + 13 = 32$
$12 + 9 + 14 = 35$	$2 + 15 + 16 = 33$
$13 + 11 + 8 = 32$	$1 + 19 + 14 = 34$

2. Identify the missing numbers in these matching calculations.

a) $12 + 14 + 1 = 27$ b) $17 + 13 + 2 = 32$ c) $12 + 11 + 7 = 30$

$14 + 1 + 12 = 27$ $13 + 2 + 17 = 32$ $11 + 7 + 12 = 30$

d) $11 + 2 + 15 = 28$ e) $16 + 2 + 15 = 33$ f) $11 + 3 + 12 = 26$

$2 + 15 + 15 = 28$ $2 + 15 + 16 = 33$ $12 + 11 + 3 = 26$

g) $4 + 18 + 13 = 35$ h) $1 + 15 + 13 = 29$ i) $1 + 17 + 13 = 31$

$13 + 4 + 18 = 35$ $13 + 1 + 15 = 29$ $13 + 1 + 17 = 31$

3. Write these calculations in a different way.

a) $17 + 14 + 3 = 34$ b) $15 + 9 + 12 = 36$ c) $9 + 18 + 14 = 41$

$14 + 3 + 17 = 34$ $9 + 12 + 15 = 36$ $18 + 14 + 9 = 41$

$3 + 17 + 14 = 34$ $12 + 15 + 9 = 36$ $14 + 9 + 18 = 41$