

Two Ways to Add

Name: _____

Date: _____

Two-digit numbers - solve each problem both ways.

Solve each one twice. Both ways are good ones - which felt faster for you?

1) $86 + 66 =$ _____

Way A

Jump to the Next Ten

add the tens first

$$86 + \underline{\quad} = \underline{\quad}$$

now jump to the next ten

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

add the ones that are left

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

Way B

Add the Tens, Then the Ones

add the tens

$$86 + \underline{\quad} = \underline{\quad}$$

add the ones

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

Both ways give the same answer. Which one felt faster? ☐ Way A ☐ Way B

2) $62 + 26 =$ _____

Way A

Add the Tens, Then the Ones

add the tens

$$26 + \underline{\quad} = \underline{\quad}$$

add the ones

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

Way B

Split Into Tens and Ones

add the tens

$$60 + \underline{\quad} = \underline{\quad}$$

add the ones

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

put them together

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

Both ways give the same answer. Which one felt faster? ☐ Way A ☐ Way B

3) $24 + 94 =$ _____

Way A

Add the Tens, Then the Ones

add the tens

$$94 + \underline{\quad} = \underline{\quad}$$

add the ones

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

Way B

Split Into Tens and Ones

add the tens

$$90 + \underline{\quad} = \underline{\quad}$$

add the ones

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

put them together

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

Both ways give the same answer. Which one felt faster? ☐ Way A ☐ Way B

4) $55 + 47 =$ _____

Way A

Jump to the Next Ten

add the tens first

$$47 + \underline{\quad} = \underline{\quad}$$

now jump to the next ten

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

add the ones that are left

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

Way B

Add the Tens, Then the Ones

add the tens

$$47 + \underline{\quad} = \underline{\quad}$$

add the ones

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

Both ways give the same answer. Which one felt faster? ☐ Way A ☐ Way B



Answer Key

Two Ways to Add - Two-digit numbers

Every step is filled in. Check your work.

Solve each one twice. Both ways are good ones - which felt faster for you?

1) $86 + 66 = \underline{152}$

Way A

Jump to the Next Ten

add the tens first

$$86 + \underline{60} = \underline{146}$$

now jump to the next ten

$$\underline{146} + \underline{4} = \underline{150}$$

add the ones that are left

$$\underline{150} + \underline{2} = \underline{152}$$

Way B

Add the Tens, Then the Ones

add the tens

$$86 + \underline{60} = \underline{146}$$

add the ones

$$\underline{146} + \underline{6} = \underline{152}$$

Both ways give the same answer. Which one felt faster? ☐ Way A ☐ Way B

2) $62 + 26 = \underline{88}$

Way A

Add the Tens, Then the Ones

add the tens

$$26 + \underline{60} = \underline{86}$$

add the ones

$$\underline{86} + \underline{2} = \underline{88}$$

Way B

Split Into Tens and Ones

add the tens

$$60 + \underline{20} = \underline{80}$$

add the ones

$$2 + \underline{6} = \underline{8}$$

put them together

$$\underline{80} + \underline{8} = \underline{88}$$

Both ways give the same answer. Which one felt faster? ☐ Way A ☐ Way B

3) $24 + 94 = \underline{118}$

Way A

Add the Tens, Then the Ones

add the tens

$$94 + \underline{20} = \underline{114}$$

add the ones

$$\underline{114} + \underline{4} = \underline{118}$$

Way B

Split Into Tens and Ones

add the tens

$$90 + \underline{20} = \underline{110}$$

add the ones

$$4 + \underline{4} = \underline{8}$$

put them together

$$\underline{110} + \underline{8} = \underline{118}$$

Both ways give the same answer. Which one felt faster? ☐ Way A ☐ Way B

4) $55 + 47 = \underline{102}$

Way A

Jump to the Next Ten

add the tens first

$$47 + \underline{50} = \underline{97}$$

now jump to the next ten

$$\underline{97} + \underline{3} = \underline{100}$$

add the ones that are left

$$\underline{100} + \underline{2} = \underline{102}$$

Way B

Add the Tens, Then the Ones

add the tens

$$47 + \underline{50} = \underline{97}$$

add the ones

$$\underline{97} + \underline{5} = \underline{102}$$

Both ways give the same answer. Which one felt faster? ☐ Way A ☐ Way B

