Spider-Man Shuffle

$3 + 6 = 6 + 3$

$2 + 5 + 8 = 2 + 8 + 5$

$13 - 6 - 3 = 13 - 3 - 6$

$16 + 9 - 6 = 16 - 6 + 9$

$7 + 2 + 3 + 5 + 8 = 10 + 10 + 5 = 25$

Spider-Man shuffles the numbers around to make it easier to add and subtract.

POW! Reordering Strategy

Flash Through Ten

$7 + 6$
3
3

$7 + 3 + 3 = 13$

$6 + 7 = 6 + 4 + 3$

$23 - 8 = 23 - 3 - 5$

Flash knows when a number is close to ten or is a multiple of ten. This makes it easy for him to add and subtract.

BAM! Bridging Through Ten

Wonder Doubles

$5 + 6$

Double 5 and add one more or double 6 and subtract one

$5 + 5 + 1 = 11$

$6 + 6 - 1 = 11$

★ $14 + 15$ = double 14 and add 1 or double 15 and subtract 1

★ $30 + 29$ = double 30 and subtract 1

★ $18 + 16$ = double 18 and subtract 2 or double 16 and add 2.

Wonder Woman knows her doubles and this helps her to add and subtract quickly

POW! Doubles/Near Doubles Strategy

Addition and Subtraction Strategies

Hulk Breaks Apart

$20 + 38$
$= 20 + 30 + 8$
$= 50 + 8$
$= 58$

$68 - 30 = 60 - 30 + 8$

$35 + 14 = 30 + 5 + 10 + 4$
$= 30 + 10 + 5 + 4$
$= 49$

The Hulk can break numbers into tens and ones. This helps him to add and subtract.

POW! Partitioning Strategy

Superman Quick Change

$33 + 18$ → $+2$
20

$33 + 20 = 53$

$53 - 2 = 51$

$34 + 9$ = round the 9 up to 10 by adding 1
$34 + 10 = 44$
Subtract the 1 that was added to make 43.

$70 - 18$ = round 18 up to 20 by adding 2
$70 - 20 = 50$
Add on the 2 to make 52

Superman likes a quick change. He can round a number to make a multiple of ten then add or subtract to get the answer.

POW! Compensation Strategy

Captain Count On or Back

$4 + 8$

8 9 10 11 12

$16 - 3$

13 14 15 16

$4 + 7$ count on in ones from 4 or count on in ones from 7

$18 - 3$ count back in ones from 18

$18 - 6$ count back in twos from 18

$40 + 3$ count on in ones from 40

Captain America can count on to add and count back to subtract.

KAPOW! Counting On or Back Strategy