Adding Doubles Strategy (A)

Use an adding doubles strategy to find each sum

Example: 8 + 10 = 8 + 8 + 2 = 16 + 2 = 18

3 + 3 =	8 + 8 =	13 + 14 =
16 + 14 =	2 + 1 =	1 + 3 =
8 + 7 =	13 + 12 =	8 + 9 =
6 + 6 =	5 + 6 =	2 + 4 =
4 + 5 =	12 + 11 =	6 + 8 =
17 + 15 =	5 + 3 =	17 + 15 =
13 + 13 =	10 + 9 =	12 + 14 =
10 + 9 =	8 + 7 =	4 + 4 =
10 + 11 =	11 + 11 =	7 + 5 =
2 + 3 =	10 + 11 =	14 + 14 =

Adding Doubles Strategy (A) Answers

Use an adding doubles strategy to find each sum

Example: 8 + 10 = 8 + 8 + 2 = 16 + 2 = 18

3 + 3 =
3 + 3 = 6

16 + 14 =
16 + 16 - 2 = 30
32 - 2 = 30

8 + 7 =
8 + 8 - 1 = 15
16 - 1 = 15

6 + 6 =
6 + 6 = 12

4 + 5 =
4 + 4 + 1 = 9
8 + 1 = 9

17 + 15 =
17 + 17 - 2 = 32
34 - 2 = 32

13 + 13 =
13 + 13 = 26

10 + 9 =
10 + 10 - 1 = 19
20 - 1 = 19

10 + 11 =
10 + 10 + 1 = 21
20 + 1 = 21

2 + 3 =
2 + 2 + 1 = 5
4 + 1 = 5

8 + 8 =
8 + 8 = 16

2 + 1 =
2 + 2 - 1 = 3
4 - 1 = 3

13 + 12 =
13 + 13 - 1 = 25
26 - 1 = 25

5 + 6 =
5 + 5 + 1 = 11
10 + 1 = 11

12 + 11 =
12 + 12 - 1 = 23
24 - 1 = 23

5 + 3 =
5 + 5 - 2 = 8
10 - 2 = 8

10 + 9 =
10 + 10 - 1 = 19
20 - 1 = 19

8 + 7 =
8 + 8 - 1 = 15
16 - 1 = 15

11 + 11 =
11 + 11 = 22

10 + 11 =
10 + 10 + 1 = 21
20 + 1 = 21

13 + 14 =
13 + 13 + 1 = 27
26 + 1 = 27

1 + 3 =
1 + 1 + 2 = 4
2 + 2 = 4

8 + 9 =
8 + 8 + 1 = 17
16 + 1 = 17

2 + 4 =
2 + 2 + 2 = 6
4 + 2 = 6

6 + 8 =
6 + 6 + 2 = 14
12 + 2 = 14

17 + 15 =
17 + 17 - 2 = 32
34 - 2 = 32

12 + 14 =
12 + 12 + 2 = 26
24 + 2 = 26

4 + 4 =
4 + 4 = 8

7 + 5 =
7 + 7 - 2 = 12
14 - 2 = 12

14 + 14 =
14 + 14 = 28

Adding Doubles Strategy (B)

Use an adding doubles strategy to find each sum

Example: $6 + 7 = 6 + 6 + 1 = 12 + 1 = 13$

$5 + 4 =$	$8 + 8 =$	$12 + 12 =$
$12 + 12 =$	$14 + 15 =$	$14 + 14 =$
$14 + 13 =$	$9 + 9 =$	$7 + 5 =$
$1 + 2 =$	$2 + 2 =$	$3 + 2 =$
$6 + 5 =$	$3 + 5 =$	$15 + 16 =$
$12 + 10 =$	$7 + 7 =$	$11 + 12 =$
$17 + 15 =$	$10 + 12 =$	$5 + 4 =$
$12 + 11 =$	$13 + 13 =$	$3 + 5 =$
$7 + 6 =$	$1 + 3 =$	$9 + 11 =$
$8 + 7 =$	$6 + 7 =$	$9 + 8 =$

Adding Doubles Strategy (B) Answers

Use an adding doubles strategy to find each sum

Example: 6 + 7 = 6 + 6 + 1 = 12 + 1 = 13

5 + 4 =
5 + 5 - 1 = 9
10 - 1 = 9

8 + 8 =
8 + 8 = 16

12 + 12 =
12 + 12 = 24

12 + 12 =
12 + 12 = 24

14 + 15 =
14 + 14 + 1 = 29
28 + 1 = 29

14 + 14 =
14 + 14 = 28

14 + 13 =
14 + 14 - 1 = 27
28 - 1 = 27

9 + 9 =
9 + 9 = 18

7 + 5 =
7 + 7 - 2 = 12
14 - 2 = 12

1 + 2 =
1 + 1 + 1 = 3
2 + 1 = 3

2 + 2 =
2 + 2 = 4

3 + 2 =
3 + 3 - 1 = 5
6 - 1 = 5

6 + 5 =
6 + 6 - 1 = 11
12 - 1 = 11

3 + 5 =
3 + 3 + 2 = 8
6 + 2 = 8

15 + 16 =
15 + 15 + 1 = 31
30 + 1 = 31

12 + 10 =
12 + 12 - 2 = 22
24 - 2 = 22

7 + 7 =
7 + 7 = 14

11 + 12 =
11 + 11 + 1 = 23
22 + 1 = 23

17 + 15 =
17 + 17 - 2 = 32
34 - 2 = 32

10 + 12 =
10 + 10 + 2 = 22
20 + 2 = 22

5 + 4 =
5 + 5 - 1 = 9
10 - 1 = 9

12 + 11 =
12 + 12 - 1 = 23
24 - 1 = 23

13 + 13 =
13 + 13 = 26

3 + 5 =
3 + 3 + 2 = 8
6 + 2 = 8

7 + 6 =
7 + 7 - 1 = 13
14 - 1 = 13

1 + 3 =
1 + 1 + 2 = 4
2 + 2 = 4

9 + 11 =
9 + 9 + 2 = 20
18 + 2 = 20

8 + 7 =
8 + 8 - 1 = 15
16 - 1 = 15

6 + 7 =
6 + 6 + 1 = 13
12 + 1 = 13

9 + 8 =
9 + 9 - 1 = 17
18 - 1 = 17

Adding Doubles Strategy (C)

Use an adding doubles strategy to find each sum

Example: 7 + 5 = 7 + 7 - 2 = 14 - 2 = 12

4 + 5 =	1 + 3 =	12 + 11 =
8 + 9 =	5 + 7 =	15 + 13 =
13 + 12 =	12 + 10 =	6 + 7 =
15 + 15 =	6 + 7 =	9 + 11 =
14 + 16 =	9 + 9 =	2 + 1 =
14 + 13 =	8 + 9 =	3 + 5 =
2 + 2 =	4 + 5 =	12 + 12 =
3 + 4 =	8 + 7 =	15 + 14 =
11 + 12 =	3 + 2 =	17 + 15 =
7 + 7 =	5 + 7 =	11 + 10 =

Adding Doubles Strategy (C) Answers

Use an adding doubles strategy to find each sum

Example: 7 + 5 = 7 + 7 - 2 = 14 - 2 = 12

4 + 5 =
4 + 4 + 1 = 9
8 + 1 = 9

8 + 9 =
8 + 8 + 1 = 17
16 + 1 = 17

13 + 12 =
13 + 13 - 1 = 25
26 - 1 = 25

15 + 15 =
15 + 15 = 30

14 + 16 =
14 + 14 + 2 = 30
28 + 2 = 30

14 + 13 =
14 + 14 - 1 = 27
28 - 1 = 27

2 + 2 =
2 + 2 = 4

3 + 4 =
3 + 3 + 1 = 7
6 + 1 = 7

11 + 12 =
11 + 11 + 1 = 23
22 + 1 = 23

7 + 7 =
7 + 7 = 14

1 + 3 =
1 + 1 + 2 = 4
2 + 2 = 4

5 + 7 =
5 + 5 + 2 = 12
10 + 2 = 12

12 + 10 =
12 + 12 - 2 = 22
24 - 2 = 22

6 + 7 =
6 + 6 + 1 = 13
12 + 1 = 13

9 + 9 =
9 + 9 = 18

8 + 9 =
8 + 8 + 1 = 17
16 + 1 = 17

4 + 5 =
4 + 4 + 1 = 9
8 + 1 = 9

8 + 7 =
8 + 8 - 1 = 15
16 - 1 = 15

3 + 2 =
3 + 3 - 1 = 5
6 - 1 = 5

5 + 7 =
5 + 5 + 2 = 12
10 + 2 = 12

12 + 11 =
12 + 12 - 1 = 23
24 - 1 = 23

15 + 13 =
15 + 15 - 2 = 28
30 - 2 = 28

6 + 7 =
6 + 6 + 1 = 13
12 + 1 = 13

9 + 11 =
9 + 9 + 2 = 20
18 + 2 = 20

2 + 1 =
2 + 2 - 1 = 3
4 - 1 = 3

3 + 5 =
3 + 3 + 2 = 8
6 + 2 = 8

12 + 12 =
12 + 12 = 24

15 + 14 =
15 + 15 - 1 = 29
30 - 1 = 29

17 + 15 =
17 + 17 - 2 = 32
34 - 2 = 32

11 + 10 =
11 + 11 - 1 = 21
22 - 1 = 21

Adding Doubles Strategy (D)

Use an adding doubles strategy to find each sum

Example: 3 + 1 = 3 + 3 - 2 = 6 - 2 = 4

12 + 14 =	1 + 3 =	10 + 8 =
10 + 11 =	14 + 13 =	3 + 3 =
9 + 11 =	5 + 5 =	14 + 13 =
15 + 14 =	8 + 8 =	6 + 8 =
7 + 8 =	11 + 12 =	13 + 12 =
8 + 6 =	16 + 14 =	9 + 10 =
2 + 3 =	7 + 7 =	5 + 4 =
5 + 3 =	3 + 2 =	15 + 16 =
4 + 5 =	11 + 12 =	1 + 2 =
16 + 15 =	5 + 7 =	10 + 11 =

Adding Doubles Strategy (D) Answers

Use an adding doubles strategy to find each sum

Example: 3 + 1 = 3 + 3 - 2 = 6 - 2 = 4

12 + 14 =
12 + 12 + 2 = 26
24 + 2 = 26

10 + 11 =
10 + 10 + 1 = 21
20 + 1 = 21

9 + 11 =
9 + 9 + 2 = 20
18 + 2 = 20

15 + 14 =
15 + 15 - 1 = 29
30 - 1 = 29

7 + 8 =
7 + 7 + 1 = 15
14 + 1 = 15

8 + 6 =
8 + 8 - 2 = 14
16 - 2 = 14

2 + 3 =
2 + 2 + 1 = 5
4 + 1 = 5

5 + 3 =
5 + 5 - 2 = 8
10 - 2 = 8

4 + 5 =
4 + 4 + 1 = 9
8 + 1 = 9

16 + 15 =
16 + 16 - 1 = 31
32 - 1 = 31

1 + 3 =
1 + 1 + 2 = 4
2 + 2 = 4

14 + 13 =
14 + 14 - 1 = 27
28 - 1 = 27

5 + 5 =
5 + 5 = 10

8 + 8 =
8 + 8 = 16

11 + 12 =
11 + 11 + 1 = 23
22 + 1 = 23

16 + 14 =
16 + 16 - 2 = 30
32 - 2 = 30

7 + 7 =
7 + 7 = 14

3 + 2 =
3 + 3 - 1 = 5
6 - 1 = 5

11 + 12 =
11 + 11 + 1 = 23
22 + 1 = 23

5 + 7 =
5 + 5 + 2 = 12
10 + 2 = 12

10 + 8 =
10 + 10 - 2 = 18
20 - 2 = 18

3 + 3 =
3 + 3 = 6

14 + 13 =
14 + 14 - 1 = 27
28 - 1 = 27

6 + 8 =
6 + 6 + 2 = 14
12 + 2 = 14

13 + 12 =
13 + 13 - 1 = 25
26 - 1 = 25

9 + 10 =
9 + 9 + 1 = 19
18 + 1 = 19

5 + 4 =
5 + 5 - 1 = 9
10 - 1 = 9

15 + 16 =
15 + 15 + 1 = 31
30 + 1 = 31

1 + 2 =
1 + 1 + 1 = 3
2 + 1 = 3

10 + 11 =
10 + 10 + 1 = 21
20 + 1 = 21

Adding Doubles Strategy (E)

Use an adding doubles strategy to find each sum

Example: 9 + 11 = 9 + 9 + 2 = 18 + 2 = 20

3 + 3 =	9 + 11 =	11 + 12 =
4 + 5 =	7 + 8 =	13 + 14 =
16 + 15 =	5 + 6 =	3 + 2 =
10 + 10 =	15 + 14 =	7 + 7 =
2 + 4 =	2 + 1 =	16 + 15 =
8 + 10 =	5 + 3 =	6 + 4 =
6 + 7 =	9 + 10 =	12 + 14 =
13 + 14 =	10 + 8 =	5 + 6 =
11 + 12 =	10 + 12 =	14 + 14 =
12 + 13 =	1 + 1 =	7 + 6 =

Adding Doubles Strategy (E) Answers

Use an adding doubles strategy to find each sum

Example: 9 + 11 = 9 + 9 + 2 = 18 + 2 = 20

3 + 3 =
3 + 3 = 6

4 + 5 =
4 + 4 + 1 = 9
8 + 1 = 9

16 + 15 =
16 + 16 - 1 = 31
32 - 1 = 31

10 + 10 =
10 + 10 = 20

2 + 4 =
2 + 2 + 2 = 6
4 + 2 = 6

8 + 10 =
8 + 8 + 2 = 18
16 + 2 = 18

6 + 7 =
6 + 6 + 1 = 13
12 + 1 = 13

13 + 14 =
13 + 13 + 1 = 27
26 + 1 = 27

11 + 12 =
11 + 11 + 1 = 23
22 + 1 = 23

12 + 13 =
12 + 12 + 1 = 25
24 + 1 = 25

9 + 11 =
9 + 9 + 2 = 20
18 + 2 = 20

7 + 8 =
7 + 7 + 1 = 15
14 + 1 = 15

5 + 6 =
5 + 5 + 1 = 11
10 + 1 = 11

15 + 14 =
15 + 15 - 1 = 29
30 - 1 = 29

2 + 1 =
2 + 2 - 1 = 3
4 - 1 = 3

5 + 3 =
5 + 5 - 2 = 8
10 - 2 = 8

9 + 10 =
9 + 9 + 1 = 19
18 + 1 = 19

10 + 8 =
10 + 10 - 2 = 18
20 - 2 = 18

10 + 12 =
10 + 10 + 2 = 22
20 + 2 = 22

1 + 1 =
1 + 1 = 2

11 + 12 =
11 + 11 + 1 = 23
22 + 1 = 23

13 + 14 =
13 + 13 + 1 = 27
26 + 1 = 27

3 + 2 =
3 + 3 - 1 = 5
6 - 1 = 5

7 + 7 =
7 + 7 = 14

16 + 15 =
16 + 16 - 1 = 31
32 - 1 = 31

6 + 4 =
6 + 6 - 2 = 10
12 - 2 = 10

12 + 14 =
12 + 12 + 2 = 26
24 + 2 = 26

5 + 6 =
5 + 5 + 1 = 11
10 + 1 = 11

14 + 14 =
14 + 14 = 28

7 + 6 =
7 + 7 - 1 = 13
14 - 1 = 13

Adding Doubles Strategy (F)

Use an adding doubles strategy to find each sum

Example: 9 + 8 = 9 + 9 - 1 = 18 - 1 = 17

8 + 10 =	2 + 1 =	8 + 8 =
7 + 5 =	11 + 13 =	7 + 6 =
15 + 17 =	14 + 16 =	5 + 7 =
4 + 6 =	3 + 3 =	4 + 4 =
13 + 13 =	11 + 10 =	3 + 5 =
7 + 8 =	13 + 14 =	12 + 11 =
12 + 13 =	11 + 10 =	14 + 15 =
2 + 2 =	1 + 3 =	9 + 9 =
9 + 9 =	13 + 12 =	3 + 2 =
6 + 8 =	7 + 8 =	15 + 17 =

Adding Doubles Strategy (F) Answers

Use an adding doubles strategy to find each sum

Example: 9 + 8 = 9 + 9 - 1 = 18 - 1 = 17

8 + 10 =
8 + 8 + 2 = 18
16 + 2 = 18

2 + 1 =
2 + 2 - 1 = 3
4 - 1 = 3

8 + 8 =
8 + 8 = 16

7 + 5 =
7 + 7 - 2 = 12
14 - 2 = 12

11 + 13 =
11 + 11 + 2 = 24
22 + 2 = 24

7 + 6 =
7 + 7 - 1 = 13
14 - 1 = 13

15 + 17 =
15 + 15 + 2 = 32
30 + 2 = 32

14 + 16 =
14 + 14 + 2 = 30
28 + 2 = 30

5 + 7 =
5 + 5 + 2 = 12
10 + 2 = 12

4 + 6 =
4 + 4 + 2 = 10
8 + 2 = 10

3 + 3 =
3 + 3 = 6

4 + 4 =
4 + 4 = 8

13 + 13 =
13 + 13 = 26

11 + 10 =
11 + 11 - 1 = 21
22 - 1 = 21

3 + 5 =
3 + 3 + 2 = 8
6 + 2 = 8

7 + 8 =
7 + 7 + 1 = 15
14 + 1 = 15

13 + 14 =
13 + 13 + 1 = 27
26 + 1 = 27

12 + 11 =
12 + 12 - 1 = 23
24 - 1 = 23

12 + 13 =
12 + 12 + 1 = 25
24 + 1 = 25

11 + 10 =
11 + 11 - 1 = 21
22 - 1 = 21

14 + 15 =
14 + 14 + 1 = 29
28 + 1 = 29

2 + 2 =
2 + 2 = 4

1 + 3 =
1 + 1 + 2 = 4
2 + 2 = 4

9 + 9 =
9 + 9 = 18

9 + 9 =
9 + 9 = 18

13 + 12 =
13 + 13 - 1 = 25
26 - 1 = 25

3 + 2 =
3 + 3 - 1 = 5
6 - 1 = 5

6 + 8 =
6 + 6 + 2 = 14
12 + 2 = 14

7 + 8 =
7 + 7 + 1 = 15
14 + 1 = 15

15 + 17 =
15 + 15 + 2 = 32
30 + 2 = 32

Adding Doubles Strategy (G)

Use an adding doubles strategy to find each sum

Example: 9 + 7 = 9 + 9 - 2 = 18 - 2 = 16

15 + 16 =	9 + 10 =	12 + 10 =
12 + 12 =	4 + 4 =	3 + 3 =
7 + 6 =	7 + 9 =	14 + 13 =
4 + 2 =	3 + 5 =	4 + 6 =
8 + 9 =	14 + 16 =	13 + 11 =
11 + 12 =	1 + 2 =	15 + 17 =
1 + 1 =	2 + 3 =	16 + 14 =
7 + 5 =	9 + 8 =	14 + 12 =
13 + 13 =	8 + 7 =	9 + 9 =
11 + 10 =	6 + 6 =	7 + 5 =

Adding Doubles Strategy (G) Answers

Use an adding doubles strategy to find each sum

Example: 9 + 7 = 9 + 9 - 2 = 18 - 2 = 16

15 + 16 =
15 + 15 + 1 = 31
30 + 1 = 31

12 + 12 =
12 + 12 = 24

9 + 10 =
9 + 9 + 1 = 19
18 + 1 = 19

4 + 4 =
4 + 4 = 8

12 + 10 =
12 + 12 - 2 = 22
24 - 2 = 22

3 + 3 =
3 + 3 = 6

7 + 6 =
7 + 7 - 1 = 13
14 - 1 = 13

4 + 2 =
4 + 4 - 2 = 6
8 - 2 = 6

8 + 9 =
8 + 8 + 1 = 17
16 + 1 = 17

11 + 12 =
11 + 11 + 1 = 23
22 + 1 = 23

1 + 1 =
1 + 1 = 2

7 + 5 =
7 + 7 - 2 = 12
14 - 2 = 12

13 + 13 =
13 + 13 = 26

11 + 10 =
11 + 11 - 1 = 21
22 - 1 = 21

7 + 9 =
7 + 7 + 2 = 16
14 + 2 = 16

3 + 5 =
3 + 3 + 2 = 8
6 + 2 = 8

14 + 16 =
14 + 14 + 2 = 30
28 + 2 = 30

1 + 2 =
1 + 1 + 1 = 3
2 + 1 = 3

2 + 3 =
2 + 2 + 1 = 5
4 + 1 = 5

9 + 8 =
9 + 9 - 1 = 17
18 - 1 = 17

8 + 7 =
8 + 8 - 1 = 15
16 - 1 = 15

6 + 6 =
6 + 6 = 12

14 + 13 =
14 + 14 - 1 = 27
28 - 1 = 27

4 + 6 =
4 + 4 + 2 = 10
8 + 2 = 10

13 + 11 =
13 + 13 - 2 = 24
26 - 2 = 24

15 + 17 =
15 + 15 + 2 = 32
30 + 2 = 32

16 + 14 =
16 + 16 - 2 = 30
32 - 2 = 30

14 + 12 =
14 + 14 - 2 = 26
28 - 2 = 26

9 + 9 =
9 + 9 = 18

7 + 5 =
7 + 7 - 2 = 12
14 - 2 = 12

Adding Doubles Strategy (H)

Use an adding doubles strategy to find each sum

Example: 5 + 4 = 5 + 5 - 1 = 10 - 1 = 9

13 + 13 =	11 + 9 =	10 + 11 =
4 + 3 =	7 + 5 =	10 + 8 =
10 + 8 =	1 + 1 =	4 + 3 =
17 + 15 =	6 + 4 =	13 + 15 =
4 + 2 =	8 + 7 =	5 + 6 =
15 + 14 =	12 + 13 =	12 + 11 =
13 + 11 =	9 + 11 =	4 + 5 =
8 + 6 =	2 + 2 =	14 + 14 =
12 + 10 =	15 + 17 =	6 + 8 =
13 + 12 =	7 + 7 =	3 + 1 =

Adding Doubles Strategy (H) Answers

Use an adding doubles strategy to find each sum

Example: 5 + 4 = 5 + 5 - 1 = 10 - 1 = 9

13 + 13 =
13 + 13 = 26

4 + 3 =
4 + 4 - 1 = 7
8 - 1 = 7

10 + 8 =
10 + 10 - 2 = 18
20 - 2 = 18

17 + 15 =
17 + 17 - 2 = 32
34 - 2 = 32

4 + 2 =
4 + 4 - 2 = 6
8 - 2 = 6

15 + 14 =
15 + 15 - 1 = 29
30 - 1 = 29

13 + 11 =
13 + 13 - 2 = 24
26 - 2 = 24

8 + 6 =
8 + 8 - 2 = 14
16 - 2 = 14

12 + 10 =
12 + 12 - 2 = 22
24 - 2 = 22

13 + 12 =
13 + 13 - 1 = 25
26 - 1 = 25

11 + 9 =
11 + 11 - 2 = 20
22 - 2 = 20

7 + 5 =
7 + 7 - 2 = 12
14 - 2 = 12

1 + 1 =
1 + 1 = 2

6 + 4 =
6 + 6 - 2 = 10
12 - 2 = 10

8 + 7 =
8 + 8 - 1 = 15
16 - 1 = 15

12 + 13 =
12 + 12 + 1 = 25
24 + 1 = 25

9 + 11 =
9 + 9 + 2 = 20
18 + 2 = 20

2 + 2 =
2 + 2 = 4

15 + 17 =
15 + 15 + 2 = 32
30 + 2 = 32

7 + 7 =
7 + 7 = 14

10 + 11 =
10 + 10 + 1 = 21
20 + 1 = 21

10 + 8 =
10 + 10 - 2 = 18
20 - 2 = 18

4 + 3 =
4 + 4 - 1 = 7
8 - 1 = 7

13 + 15 =
13 + 13 + 2 = 28
26 + 2 = 28

5 + 6 =
5 + 5 + 1 = 11
10 + 1 = 11

12 + 11 =
12 + 12 - 1 = 23
24 - 1 = 23

4 + 5 =
4 + 4 + 1 = 9
8 + 1 = 9

14 + 14 =
14 + 14 = 28

6 + 8 =
6 + 6 + 2 = 14
12 + 2 = 14

3 + 1 =
3 + 3 - 2 = 4
6 - 2 = 4

Adding Doubles Strategy (I)

Use an adding doubles strategy to find each sum

Example: 8 + 7 = 8 + 8 - 1 = 16 - 1 = 15

16 + 14 =	16 + 15 =	5 + 4 =
5 + 4 =	9 + 8 =	9 + 8 =
3 + 2 =	5 + 3 =	3 + 5 =
12 + 12 =	6 + 6 =	13 + 15 =
13 + 14 =	11 + 10 =	11 + 13 =
8 + 7 =	2 + 3 =	5 + 5 =
7 + 5 =	7 + 6 =	13 + 12 =
3 + 1 =	15 + 15 =	3 + 1 =
11 + 13 =	12 + 10 =	14 + 14 =
11 + 9 =	9 + 11 =	9 + 7 =

Adding Doubles Strategy (I) Answers

Use an adding doubles strategy to find each sum

Example: 8 + 7 = 8 + 8 - 1 = 16 - 1 = 15

16 + 14 =
16 + 16 - 2 = 30
32 - 2 = 30

16 + 15 =
16 + 16 - 1 = 31
32 - 1 = 31

5 + 4 =
5 + 5 - 1 = 9
10 - 1 = 9

5 + 4 =
5 + 5 - 1 = 9
10 - 1 = 9

9 + 8 =
9 + 9 - 1 = 17
18 - 1 = 17

9 + 8 =
9 + 9 - 1 = 17
18 - 1 = 17

3 + 2 =
3 + 3 - 1 = 5
6 - 1 = 5

5 + 3 =
5 + 5 - 2 = 8
10 - 2 = 8

3 + 5 =
3 + 3 + 2 = 8
6 + 2 = 8

12 + 12 =
12 + 12 = 24

6 + 6 =
6 + 6 = 12

13 + 15 =
13 + 13 + 2 = 28
26 + 2 = 28

13 + 14 =
13 + 13 + 1 = 27
26 + 1 = 27

11 + 10 =
11 + 11 - 1 = 21
22 - 1 = 21

11 + 13 =
11 + 11 + 2 = 24
22 + 2 = 24

8 + 7 =
8 + 8 - 1 = 15
16 - 1 = 15

2 + 3 =
2 + 2 + 1 = 5
4 + 1 = 5

5 + 5 =
5 + 5 = 10

7 + 5 =
7 + 7 - 2 = 12
14 - 2 = 12

7 + 6 =
7 + 7 - 1 = 13
14 - 1 = 13

13 + 12 =
13 + 13 - 1 = 25
26 - 1 = 25

3 + 1 =
3 + 3 - 2 = 4
6 - 2 = 4

15 + 15 =
15 + 15 = 30

3 + 1 =
3 + 3 - 2 = 4
6 - 2 = 4

11 + 13 =
11 + 11 + 2 = 24
22 + 2 = 24

12 + 10 =
12 + 12 - 2 = 22
24 - 2 = 22

14 + 14 =
14 + 14 = 28

11 + 9 =
11 + 11 - 2 = 20
22 - 2 = 20

9 + 11 =
9 + 9 + 2 = 20
18 + 2 = 20

9 + 7 =
9 + 9 - 2 = 16
18 - 2 = 16

Adding Doubles Strategy (J)

Use an adding doubles strategy to find each sum

Example: 4 + 6 = 4 + 4 + 2 = 8 + 2 = 10

5 + 3 =	9 + 11 =	11 + 13 =
2 + 2 =	5 + 6 =	10 + 9 =
13 + 13 =	11 + 13 =	10 + 12 =
2 + 1 =	4 + 6 =	15 + 17 =
15 + 15 =	14 + 14 =	12 + 12 =
7 + 6 =	3 + 4 =	15 + 14 =
8 + 10 =	13 + 13 =	2 + 1 =
12 + 14 =	8 + 9 =	8 + 7 =
10 + 12 =	4 + 4 =	7 + 5 =
7 + 7 =	8 + 6 =	4 + 2 =

Adding Doubles Strategy (J) Answers

Use an adding doubles strategy to find each sum

Example: 4 + 6 = 4 + 4 + 2 = 8 + 2 = 10

5 + 3 =
5 + 5 - 2 = 8
10 - 2 = 8

2 + 2 =
2 + 2 = 4

13 + 13 =
13 + 13 = 26

2 + 1 =
2 + 2 - 1 = 3
4 - 1 = 3

15 + 15 =
15 + 15 = 30

7 + 6 =
7 + 7 - 1 = 13
14 - 1 = 13

8 + 10 =
8 + 8 + 2 = 18
16 + 2 = 18

12 + 14 =
12 + 12 + 2 = 26
24 + 2 = 26

10 + 12 =
10 + 10 + 2 = 22
20 + 2 = 22

7 + 7 =
7 + 7 = 14

9 + 11 =
9 + 9 + 2 = 20
18 + 2 = 20

5 + 6 =
5 + 5 + 1 = 11
10 + 1 = 11

11 + 13 =
11 + 11 + 2 = 24
22 + 2 = 24

4 + 6 =
4 + 4 + 2 = 10
8 + 2 = 10

14 + 14 =
14 + 14 = 28

3 + 4 =
3 + 3 + 1 = 7
6 + 1 = 7

13 + 13 =
13 + 13 = 26

8 + 9 =
8 + 8 + 1 = 17
16 + 1 = 17

4 + 4 =
4 + 4 = 8

8 + 6 =
8 + 8 - 2 = 14
16 - 2 = 14

11 + 13 =
11 + 11 + 2 = 24
22 + 2 = 24

10 + 9 =
10 + 10 - 1 = 19
20 - 1 = 19

10 + 12 =
10 + 10 + 2 = 22
20 + 2 = 22

15 + 17 =
15 + 15 + 2 = 32
30 + 2 = 32

12 + 12 =
12 + 12 = 24

15 + 14 =
15 + 15 - 1 = 29
30 - 1 = 29

2 + 1 =
2 + 2 - 1 = 3
4 - 1 = 3

8 + 7 =
8 + 8 - 1 = 15
16 - 1 = 15

7 + 5 =
7 + 7 - 2 = 12
14 - 2 = 12

4 + 2 =
4 + 4 - 2 = 6
8 - 2 = 6