Smart Sums™

Blackline Masters

Worksheets

Section 1

GREG TANG'S
Art of Smart™

Smart Sums™

Worksheets

Smartsheets, not worksheets.

Smart practice. Smart Sums™ worksheets provide thoughtful, thorough, strategy-driven practice. The perfect companion to the **Smart Sums™** activities, games and flashcards, they ensure the "right" skills are mastered and retained.

Mastery in three steps. Like all **Smart Sums™** components, these worksheets have three levels which provide a logical sequence for learning. After mastering basic concepts, kids can quickly learn to add numbers of any size.
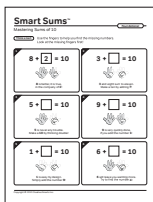
Foundational sheets begin by teaching kids to master sums of 10. These sheets are foundational and should be practiced first.
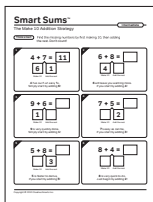
Intermediate sheets build on the foundational sheets and teach kids to add single-digit numbers with sums greater than 10. Instead of counting, they learn to break numbers apart and group them in smart ways.
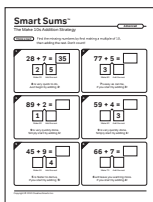
Advanced sheets build on the intermediate sheets and challenge kids to apply a similar strategy when adding larger numbers. Being good at addition means being able to add all numbers, not just small numbers.
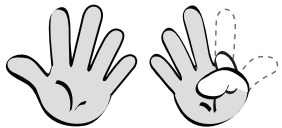
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Smart Sums™

Mastering Sums of 10

Think smart   Use the fingers to help you find the missing numbers.
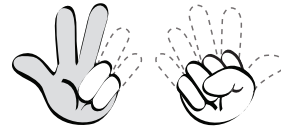Look at the missing fingers first!

1

$$8 + \boxed{2} = 10$$
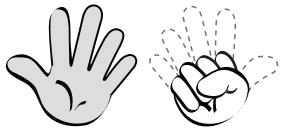
8 is better, it is true,
in the company of **2**!

2

$$3 + \boxed{} = 10$$

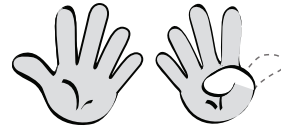**3** and eight sum to eleven.
Make a ten by adding **7**!

3

$$5 + \boxed{} = 10$$

5 is never any trouble.
Make a **10** by thinking double!

4

$$9 + \boxed{} = 10$$

9 is very quickly done,
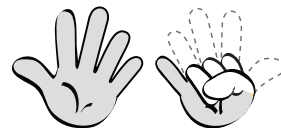if you add the number **1**!

5

$$1 + \boxed{} = 10$$

1 is easy by design.
Simply add the number **9**!

6

$$6 + \boxed{} = 10$$

6 will leave you wanting more.
Try to find the number **4**!

www.GregTangMath.com   1
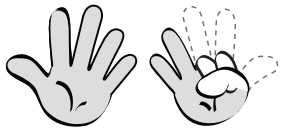
Smart Sums™

Mastering Sums of 10

Think smart   Use the fingers to help you find the missing numbers.
Look at the missing fingers first!

1

$$7 + \boxed{3} = 10$$
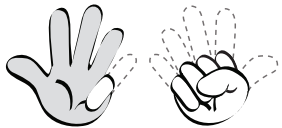
7's easy as can be,
if you group it with a **3**!

2

$$0 + \boxed{} = 10$$

0 is much better when
you simply add the number **10**!

3

$$4 + \boxed{} = 10$$

4 has such an easy fix.
Simply add the number **6**!

4

$$2 + \boxed{} = 10$$

2 will leave you feeling great,
if you add the number **8**!

5

$$1 + \boxed{} = 10$$
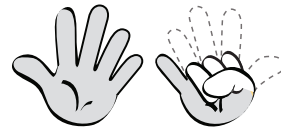
1 is easy by design.
Simply add the number **9**!

6

$$6 + \boxed{} = 10$$

6 will leave you wanting more.
Try to find the number **4**!

   www.GregTangMath.com
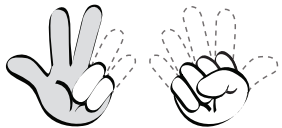
Smart Sums™

Mastering Sums of 10

Think smart   Use the fingers to help you find the missing numbers.
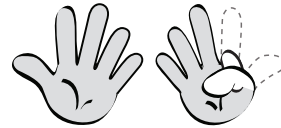Look at the missing fingers first!

1

$$3 + \boxed{7} = 10$$
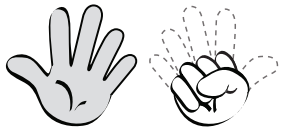
3 and eight sum to eleven.
Make a ten by adding **7**!

2

$$8 + \boxed{} = 10$$

8 is better, it is true,
in the company of **2**!

3

$$5 + \boxed{} = 10$$
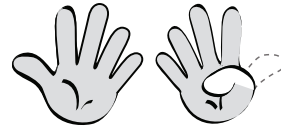
5 is never any trouble.
Make a **10** by thinking double!

4

$$9 + \boxed{} = 10$$

9 is very quickly done,
if you add the number **1**!

5

$$2 + \boxed{} = 10$$

2 will leave you feeling great,
if you add the number **8**!

6

$$4 + \boxed{} = 10$$
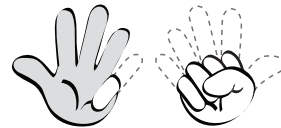
4 has such an easy fix.
Simply add the number **6**!

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Smart Sums™

The Make 10 Addition Strategy

Think smart Find the missing numbers by first making 10, then adding the rest. Don't count!

1

4 + 7 = ☐11

| 6 | 1 |

Make 10   Add the rest

4 has such an easy fix.
Simply start by adding **6**!

2

6 + 8 = ☐

| 4 | |

Make 10   Add the rest

6 will leave you wanting more.
if you start by adding **4**!

3

9 + 6 = ☐

| 1 | |

Make 10   Add the rest

9 is very quickly done.
Simply start by adding **1**!

4

7 + 5 = ☐

| | 2 |
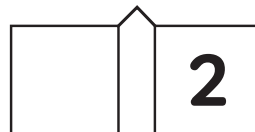
Make 10   Add the rest

7's easy as can be,
if you start by adding **3**!

5

5 + 8 = ☐

| | 3 |

Make 10   Add the rest

5 is faster to derive,
if you start by adding **5**!

6

8 + 4 = ☐
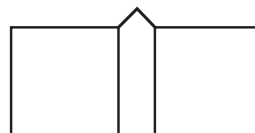
| | |

Make 10   Add the rest

8 is very quick to do.
Just begin by adding **2**!

Smart Sums™

The Make 10 Addition Strategy

Think smart Find the missing numbers by first making 10, then adding the rest. Don't count!

1

$$8 + 7 = \boxed{15}$$

2	5
Make 10	Add the rest

8 is very quick to do.
Just begin by adding **2**!

2

$$5 + 9 = \boxed{}$$

5	
Make 10	Add the rest

5 is faster to derive,
if you start by adding **5**!

3

$$7 + 6 = \boxed{}$$

3	
Make 10	Add the rest

7's easy as can be,
if you start by adding **3**!

4

$$9 + 7 = \boxed{}$$

	6
Make 10	Add the rest
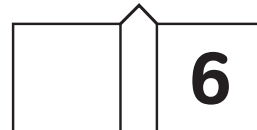
9 is very quickly done.
Simply start by adding **1**!

5

$$3 + 9 = \boxed{}$$

	2
Make 10	Add the rest

3 and eight sum to eleven.
Start instead by adding **7**!

6

$$6 + 6 = \boxed{}$$
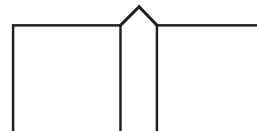
Make 10	Add the rest

6 will leave you wanting more.
if you start by adding **4**!

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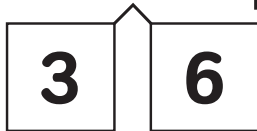
Smart Sums™

The Make 10 Addition Strategy

Think smart Find the missing numbers by first making 10, then adding the rest. Don't count!
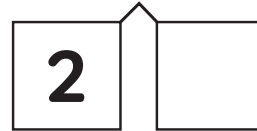
1

$7 + 9 = \boxed{16}$

$\boxed{3}\quad\boxed{6}$

Make 10   Add the rest

7's easy as can be,
if you start by adding **3**!

2

$8 + 6 = \boxed{}$

$\boxed{2}\quad\boxed{}$

Make 10   Add the rest

8 is very quick to do.
Just begin by adding **2**!

3

$6 + 7 = \boxed{}$

$\boxed{4}\quad\boxed{}$
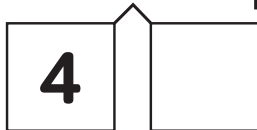
Make 10   Add the rest

6 will leave you wanting more.
if you start by adding **4**!

4

$9 + 5 = \boxed{}$

$\boxed{}\quad\boxed{4}$
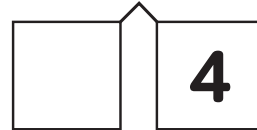
Make 10   Add the rest

9 is very quickly done.
Simply start by adding **1**!

5

$9 + 9 = \boxed{}$

$\boxed{}\quad\boxed{8}$
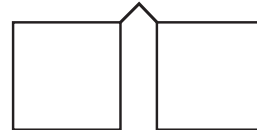
Make 10   Add the rest

9 is very quickly done.
Simply start by adding **1**!

6

$2 + 9 = \boxed{}$

$\boxed{}\quad\boxed{}$

Make 10   Add the rest

2 will leave you feeling great,
if you start by adding **8**!

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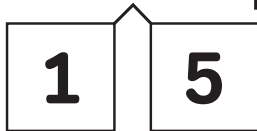
Smart Sums™

The Make 10 Addition Strategy

Think smart   Find the missing numbers by first making 10, then adding the rest. Don't count!
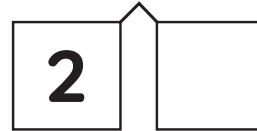
1

$$9 + 6 = \boxed{15}$$

$\boxed{1}$ $\boxed{5}$

Make 10   Add the rest

9 is very quickly done.
Simply start by adding **1**!

2

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

$\boxed{2}$ $\boxed{}$

Make 10   Add the rest

8 is very quick to do.
Just begin by adding **2**!

3

$$5 + 7 = \boxed{}$$

$\boxed{5}$ $\boxed{}$

Make 10   Add the rest

5 is faster to derive,
if you start by adding **5**!

4

$$7 + 8 = \boxed{}$$

$\boxed{}$ $\boxed{5}$

Make 10   Add the rest

7's easy as can be,
if you start by adding **3**!

5

$$4 + 9 = \boxed{}$$

$\boxed{}$ $\boxed{3}$

Make 10   Add the rest

4 has such an easy fix.
Simply start by adding **6**!

6

$$6 + 5 = \boxed{}$$
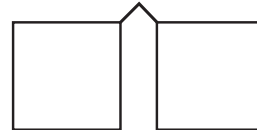
$\boxed{}$ $\boxed{}$

Make 10   Add the rest

6 will leave you wanting more.
if you start by adding **4**!

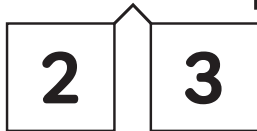www.GregTangMath.com

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The Make 10 Addition Strategy

Think smart   Find the missing numbers by first making 10, then adding the rest. Don't count!
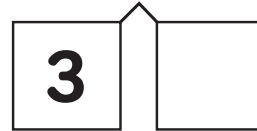

1

$$8 + 5 = \boxed{13}$$

2	3
Make 10	Add the rest

8 is very quick to do.
Just begin by adding **2**!

2

$$7 + 6 = \boxed{}$$

3	
Make 10	Add the rest

7's easy as can be,
if you start by adding **3**!

3

$$9 + 9 = \boxed{}$$

1	
Make 10	Add the rest

9 is very quickly done.
Simply start by adding **1**!

4

$$5 + 9 = \boxed{}$$

	4
Make 10	Add the rest

5 is faster to derive,
if you start by adding **5**!

5

$$4 + 7 = \boxed{}$$
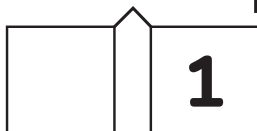
	1
Make 10	Add the rest

4 has such an easy fix.
Simply start by adding **6**!

6

$$6 + 8 = \boxed{}$$
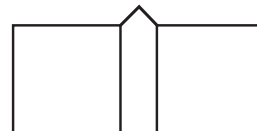
Make 10	Add the rest

6 will leave you wanting more.
if you start by adding **4**!

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The Make 10 Addition Strategy

Think smart   Find the missing numbers by first making 10, then adding the rest. Don't count!
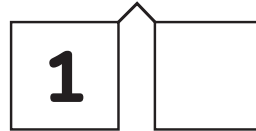
1

$$8 + 8 = \boxed{16}$$

2	6
Make 10	Add the rest

8 is very quick to do.
Just begin by adding **2**!

2

$$9 + 3 = \boxed{}$$

1	
Make 10	Add the rest

9 is very quickly done.
Simply start by adding **1**!

3

$$6 + 9 = \boxed{}$$

4	
Make 10	Add the rest
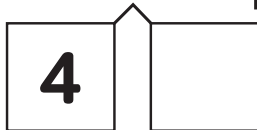
6 will leave you wanting more.
if you start by adding **4**!

4

$$3 + 8 = \boxed{}$$

	1
Make 10	Add the rest
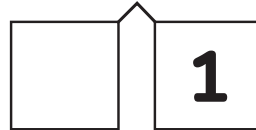
3 and eight sum to eleven.
Start instead by adding **7**!

5

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

	1
Make 10	Add the rest
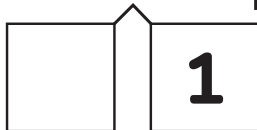
7's easy as can be,
if you start by adding **3**!

6

$$8 + 9 = \boxed{}$$
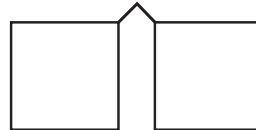
Make 10	Add the rest

8 is very quick to do.
Just begin by adding **2**!

www.GregTangMath.com
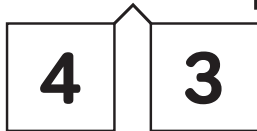
Smart Sums™

The Make 10s Addition Strategy

Think smart   Find the missing numbers by first making a multiple of 10, then adding the rest. Don't count!
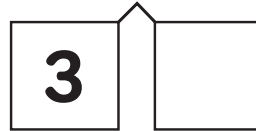
1

$$16 + 7 = \boxed{23}$$

4	3
Make 20	Add the rest

6 will leave you wanting more.
if you start by adding **4**!

2

$$87 + 9 = \boxed{}$$

3	
Make 90	Add the rest

7's easy as can be,
if you start by adding **3**!

3

$$42 + 9 = \boxed{}$$

8	
Make 50	Add the rest

2 will leave you feeling great,
if you start by adding **8**!

4

$$55 + 8 = \boxed{}$$
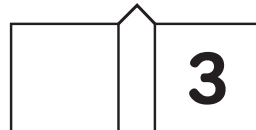
	3
Make 60	Add the rest

5 is faster to derive,
if you start by adding **5**!

5

$$39 + 6 = \boxed{}$$

	5
Make 40	Add the rest

9 is very quickly done.
Simply start by adding **1**!

6

$$78 + 7 = \boxed{}$$
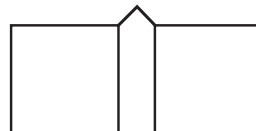
Make 80	Add the rest

8 is very quick to do.
Just begin by adding **2**!

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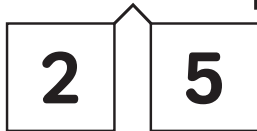
Smart Sums™

The Make 10s Addition Strategy

Think smart   Find the missing numbers by first making a multiple of 10, then adding the rest. Don't count!
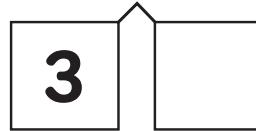
1

$$28 + 7 = \boxed{35}$$

2	5
Make 30	Add the rest

8 is very quick to do.
Just begin by adding **2**!

2

$$77 + 5 = \boxed{}$$

3	
Make 80	Add the rest

7's easy as can be,
if you start by adding **3**!

3

$$89 + 2 = \boxed{}$$

1	
Make 90	Add the rest

9 is very quickly done.
Simply start by adding **1**!

4

$$59 + 4 = \boxed{}$$
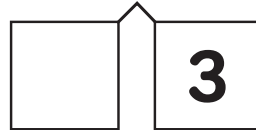
	3
Make 60	Add the rest

9 is very quickly done.
Simply start by adding **1**!

5

$$45 + 9 = \boxed{}$$

	4
Make 50	Add the rest

5 is faster to derive,
if you start by adding **5**!

6

$$66 + 7 = \boxed{}$$
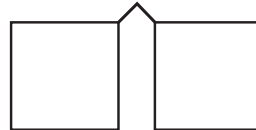
Make 70	Add the rest

6 will leave you wanting more.
if you start by adding **4**!

Smart Sums™

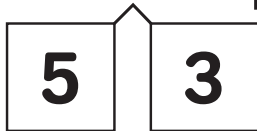## The Make 10s Addition Strategy

Think smart — Find the missing numbers by first making a multiple of 10, then adding the rest. Don't count!

1

$$65 + 8 = \boxed{73}$$

5	3
Make 70	Add the rest

5 is faster to derive,
if you start by adding **5**!

2

$$16 + 5 = \boxed{}$$

4	
Make 20	Add the rest

6 will leave you wanting more.
if you start by adding **4**!

3

$$37 + 7 = \boxed{}$$
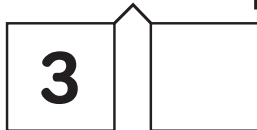
3	
Make 40	Add the rest

7's easy as can be,
if you start by adding **3**!

4

$$58 + 3 = \boxed{}$$
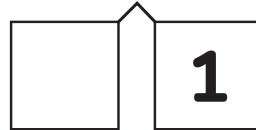
	1
Make 60	Add the rest

8 is very quick to do.
Just begin by adding **2**!

5

$$73 + 9 = \boxed{}$$
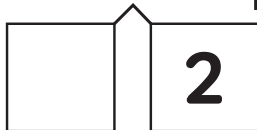
	2
Make 80	Add the rest

3 and eight sum to eleven.
Start instead by adding **7**!

6

$$49 + 6 = \boxed{}$$
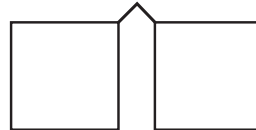
Make 50	Add the rest

9 is very quickly done.
Simply start by adding **1**!

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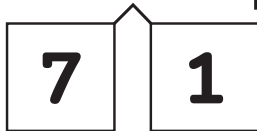
Smart Sums™

The Make 10s Addition Strategy

Think smart   Find the missing numbers by first making a multiple of 10, then adding the rest. Don't count!
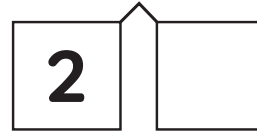
1

$$43 + 8 = \boxed{51}$$

7	1
Make 50	Add the rest

3 and eight sum to eleven.
Start instead by adding **7**!

2

$$78 + 6 = \boxed{}$$

2	
Make 80	Add the rest

8 is very quick to do.
Just begin by adding **2**!

3

$$35 + 9 = \boxed{}$$

5	
Make 40	Add the rest

5 is faster to derive,
if you start by adding **5**!

4

$$29 + 3 = \boxed{}$$

	2
Make 30	Add the rest
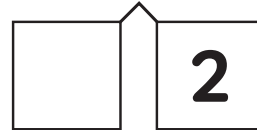
9 is very quickly done.
Simply start by adding **1**!

5

$$17 + 7 = \boxed{}$$
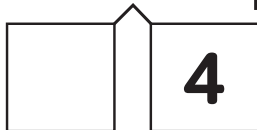
	4
Make 20	Add the rest

7's easy as can be,
if you start by adding **3**!

6

$$66 + 5 = \boxed{}$$

Make 70	Add the rest

6 will leave you wanting more.
if you start by adding **4**!

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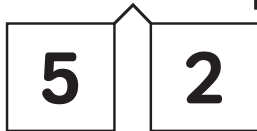
Smart Sums™

The Make 10s Addition Strategy

Think smart Find the missing numbers by first making a multiple of 10, then adding the rest. Don't count!

1

$$75 + 7 = \boxed{82}$$

5	2
Make 80	Add the rest

5 is faster to derive,
if you start by adding **5**!

2

$$54 + 8 = \boxed{}$$

6	
Make 60	Add the rest

4 has such an easy fix.
Simply start by adding **6**!

3

$$29 + 5 = \boxed{}$$

1	
Make 30	Add the rest

9 is very quickly done.
Simply start by adding **1**!

4

$$88 + 8 = \boxed{}$$
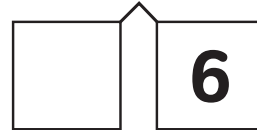
	6
Make 90	Add the rest

8 is very quick to do.
Just begin by adding **2**!

5

$$47 + 6 = \boxed{}$$

	3
Make 50	Add the rest

7's easy as can be,
if you start by adding **3**!

6

$$63 + 9 = \boxed{}$$

Make 70	Add the rest

3 and eight sum to eleven.
Start instead by adding **7**!

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