

Year 2 and Year 3 More Addition and Subtraction Unit 2 (23348)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1 Y2 Adding 2-digit numbers Sheet 1

Working towards ARE / Working at ARE

Working towards ARE may use 100 square to support.

Day 1 Y2 Choose your own addition Sheet 2

Greater Depth

Day 1 Y3 Adding 2-digit numbers Sheet 3

Working towards ARE / Working at ARE / Greater Depth

Working towards ARE complete Set A using place value cards.

Working at ARE complete every other question in Set A and all of Set B.

Greater Depth complete every other question in Set B and all of Set C.

Day 2 Y2 Addition Sheet 1

Working towards ARE

Day 2 Y2 Addition Sheet 2

Working at ARE / Greater Depth

Day 2 Y3 Adding 2-digit numbers Sheet 3

Working towards ARE / Working at ARE

Working towards ARE complete Set A using place value cards.

Working at ARE complete Set B and first two questions of Set C.

Day 2 Y3 Adding 2-digit numbers Sheet 4

Working at ARE / Greater Depth

Adding 2-digit numbers

Sheet 1

Can you complete all ten of these additions by adding the 10s and then 1s?

Example

$$16 + 12 = 16 + 10 + 2$$
$$= 26 + 2 = 28$$

$16 + 12$

$15 + 13$

$24 + 14$

$21 + 16$

$32 + 25$

$55 + 31$

$42 + 17$

$44 + 33$

$55 + 24$

$35 + 22$

Choose your own addition

Sheet 2

34 56 72
45 63 16

23 14 32
25 34 16

- * Choose one number from each box.
- * Write an addition.
- * Solve it.
- * Add the digits of your answer. (If you get a number bigger than 9, add the digits again.)

$72 + 16 = 88$
so
$8 + 8 = 16$
$1 + 6 = 7$
Score = 7

- * This is your score so far.

Repeat this process. Add your scores each time until your total is over 40!

Adding 2-digit numbers

Sheet 3

Add each pair of numbers using partitioning.

Set A

$34 + 13 = \boxed{}$

$44 + 32 = \boxed{}$

$12 + 24 = \boxed{}$

$51 + 32 = \boxed{}$

$23 + 41 = \boxed{}$

$44 + 22 = \boxed{}$

$11 + 43 = \boxed{}$

$23 + 32 = \boxed{}$

Set B

$34 + 28 = \boxed{}$

$22 + 19 = \boxed{}$

$56 + 36 = \boxed{}$

$45 + 27 = \boxed{}$

$18 + 64 = \boxed{}$

$77 + 15 = \boxed{}$

$39 + 43 = \boxed{}$

$28 + 66 = \boxed{}$

Set C

$46 + 53 = \boxed{}$

$32 + 67 = \boxed{}$

$64 + 42 = \boxed{}$

$81 + 26 = \boxed{}$

$65 + 64 = \boxed{}$

$18 + 89 = \boxed{}$

$59 + 77 = \boxed{}$

$24 + 68 = \boxed{}$

Addition

Sheet 1

Adding 'ordinary' numbers

$43 + 11 = \square$

$64 + 12 = \square$

$42 + 13 = \square$

$53 + 22 = \square$

$74 + 21 = \square$

$36 + 23 = \square$

$25 + 20 = \square$

$46 + 20 = \square$

Adding 'nearly' numbers

$25 + 19 = \square$

$46 + 19 = \square$

$37 + 9 = \square$

$65 + 19 = \square$

$32 + 9 = \square$

$17 + 19 = \square$

$26 + 9 = \square$

$52 + 19 = \square$

Challenge

Create two of your own additions in each category for your partner to do.

Addition Sheet 2

Adding 'ordinary' numbers

$35 + 34 = \square$

$43 + 25 = \square$

$63 + 36 = \square$

$72 + 24 = \square$

$51 + 33 = \square$

$36 + 25 = \square$

$44 + 36 = \square$

Adding 'nearly' numbers

$35 + 19 = \square$

$43 + 9 = \square$

$63 + 29 = \square$

$72 + 19 = \square$

$51 + 39 = \square$

$36 + 9 = \square$

$29 + 56 = \square$

Challenge

Create two of your own additions in each category for a partner to do.

Adding 2-digit numbers

Sheet 3

Set A

$36 + 25 =$

$42 + 19 =$

$27 + 46 =$

$44 + 38 =$

$19 + 64 =$

$57 + 25 =$

$49 + 33 =$

$68 + 23 =$

Set B

$56 + 25 =$

$82 + 47 =$

$44 + 62 =$

$91 + 36 =$

$55 + 54 =$

$72 + 43 =$

$66 + 73 =$

$88 + 31 =$

Challenge

Can you use the numbers in your set to create different calculations? Which combination of numbers will make the largest answer and which the smallest?

Adding 2-digit numbers

Sheet 4

$28 + 79 =$

$99 + 57 =$

$64 + 58 =$

$87 + 65 =$

$98 + 78 =$

$59 + 67 =$

$46 + 88 =$

$75 + 67 =$

Challenge

Use the numbers on this page to create different calculations. Which pair of numbers will make the largest answer? And which the smallest? Which pair give an answer of 155?

Challenge

If your calculations were for money and your answers are in pence, what would they be in pounds and pence?

More Addition and Subtraction

Answers

Day 1 Y2 Adding 2-digit numbers Sheet 1

$16 + 12 = 28$

$15 + 13 = 8$

$24 + 14 = 38$

$21 + 16 = 37$

$32 + 25 = 57$

$55 + 31 = 86$

$42 + 17 = 59$

$44 + 33 = 77$

$55 + 24 = 79$

$35 + 22 = 57$

Day 1 Y2 Choose your own addition Sheet 2

sum	score	sum	score	sum	score
$34 + 23 = 57$	3	$56 + 23 = 79$	7	$72 + 23 = 95$	5
$34 + 14 = 48$	3	$56 + 14 = 70$	7	$72 + 14 = 86$	5
$34 + 32 = 66$	3	$56 + 32 = 88$	7	$72 + 32 = 104$	5
$34 + 25 = 59$	5	$56 + 25 = 81$	9	$72 + 25 = 97$	7
$34 + 34 = 68$	5	$56 + 34 = 90$	9	$72 + 34 = 106$	7
$34 + 16 = 50$	5	$56 + 16 = 72$	9	$72 + 16 = 88$	7

sum	score	sum	score	sum	score
$45 + 23 = 68$	5	$63 + 23 = 86$	5	$16 + 23 = 39$	3
$45 + 14 = 59$	5	$63 + 14 = 77$	5	$16 + 14 = 30$	3
$45 + 32 = 77$	5	$63 + 32 = 95$	5	$16 + 32 = 48$	3
$45 + 25 = 70$	7	$63 + 25 = 88$	7	$16 + 25 = 41$	5
$45 + 34 = 79$	7	$63 + 34 = 97$	7	$16 + 34 = 50$	5
$45 + 16 = 61$	7	$63 + 16 = 79$	7	$16 + 16 = 32$	5

Day 1 Y3 Adding 2-digit numbers Sheet 3

Set A

$34 + 13 = 47$

$44 + 32 = 76$

$12 + 24 = 36$

$51 + 32 = 83$

$23 + 41 = 64$

$44 + 22 = 66$

$11 + 43 = 54$

$23 + 32 = 55$

Set B

$34 + 28 = 62$

$22 + 19 = 41$

$56 + 36 = 92$

$45 + 27 = 72$

$18 + 64 = 82$

$77 + 15 = 92$

$39 + 43 = 82$

$28 + 66 = 94$

Set C

$46 + 53 = 99$

$32 + 67 = 99$

$64 + 42 = 106$

$81 + 26 = 107$

$65 + 64 = 129$

$18 + 89 = 107$

$59 + 77 = 136$

$24 + 68 = 92$

More Addition and Subtraction

Answers

Day 2 Y2 Addition and subtraction Sheet 1

$43 + 11 = 54$

$25 + 19 = 44$

$64 + 12 = 76$

$46 + 19 = 65$

$42 + 13 = 55$

$37 + 9 = 46$

$53 + 22 = 75$

$65 + 19 = 84$

$74 + 21 = 95$

$32 + 9 = 41$

$36 + 23 = 59$

$17 + 19 = 36$

$25 + 20 = 45$

$26 + 9 = 35$

$46 + 20 = 66$

$52 + 19 = 71$

Day 2 Y2 Addition and subtraction Sheet 2

$35 + 34 = 69$

$35 + 19 = 54$

$43 + 25 = 68$

$43 + 9 = 52$

$63 + 36 = 99$

$63 + 29 = 92$

$72 + 24 = 96$

$72 + 19 = 91$

$51 + 33 = 84$

$51 + 39 = 90$

$36 + 25 = 61$

$36 + 9 = 45$

$44 + 36 = 80$

$29 + 56 = 85$

More Addition and Subtraction

Answers

Day 2 Y3 Adding 2-digit numbers Sheet 3

Set A

$36 + 25 = 61$

$42 + 19 = 61$

$27 + 46 = 73$

$44 + 38 = 82$

$19 + 64 = 83$

$57 + 25 = 82$

$49 + 33 = 82$

$68 + 23 = 91$

Set B

$56 + 25 = 81$

$82 + 47 = 129$

$44 + 62 = 106$

$91 + 36 = 127$

$55 + 54 = 109$

$72 + 43 = 115$

$66 + 73 = 139$

$88 + 31 = 119$

Challenge

Set A

The largest is $68 + 64 = 132$

The smallest is $19 + 19 = 38$

Set B

The largest is $91 + 88 = 179$

The smallest is $25 + 31 = 56$

Day 2 Y3 Adding 2-digit numbers Sheet 4

$28 + 79 = 107$

$99 + 57 = 156$

$64 + 58 = 122$

$87 + 65 = 152$

$98 + 78 = 176$

$59 + 67 = 126$

$46 + 88 = 134$

$75 + 67 = 142$

Challenge

The largest is $99 + 98 = 197$

The smallest is $28 + 46 = 74$

$98 + 57$ and $88 + 67$ both give an answer of 155.

Challenge

$28p + 79p = \text{£}1.07$ $99p + 57p = \text{£}1.56$ $64p + 58p = \text{£}1.22$ $87p + 65p = \text{£}1.52$

$98p + 78p = \text{£}1.76$ $59p + 67p = \text{£}1.26$ $46p + 88p = \text{£}1.34$ $75p + 67p = \text{£}1.42$