

# Yr 4 Addition and subtraction Unit 1 (4721)

## Additional teacher instructions for practice sheets

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

### Day 1 Adding pairs of 3-digit numbers Sheet 1

Working towards ARE

### Day 1 Adding three 3-digit numbers Sheet 2

Working at ARE / Greater Depth

Greater Depth complete the Challenge

### Day 2 Adding amounts of money Sheet 1

Working towards ARE

### Day 2 Adding amounts of money Sheet 2

Working at ARE / Greater Depth

# Adding pairs of 3-digit numbers

## Sheet 1

Use compact column addition to calculate each total. Use rounding to the nearest 10 to approximate each answer first.

1.  $428 + 347$

2.  $539 + 218$

3.  $482 + 396$

4.  $518 + 284$

5.  $493 + 267$

6.  $826 + 715$

7.  $724 + 693$

8.  $685 + 496$

### Challenge

Write two 3-digit numbers with a total of exactly 1000. No zeros allowed!

# Adding three 3-digit numbers

## Sheet 2

Use compact column addition to work out each total. Use rounding to the nearest 10 to approximate each answer first.

1.  $235 + 419 + 317$

2.  $463 + 182 + 323$

3.  $478 + 396 + 314$

4.  $546 + 279 + 384$

5.  $821 + 431 + 218$

6.  $739 + 218 + 426$

7.  $863 + 471 + 352$

8.  $876 + 485 + 567$

### Challenge

Write three 3-digit numbers with a total of exactly 1000. No zeros allowed!

## Adding amounts of money

### Sheet 1

$£4.25 + £3.69$

Complete the expanded addition and then the compact addition at the side.

	£4	20p	5p
+	£3	60p	9p
		10p	
	£7	90p	4p

The total is \_\_\_\_\_

	£4.25
+	£3.69
	£

$£5.75 + £2.63$

Complete the expanded addition and then the compact addition at the side.

	£5	70p	5p
+	£2	60p	3p
	£1		
	£8	30p	8p

The total is \_\_\_\_\_

	£5.75
+	£2.63
	£

Draw two sets and label them 'More than £10' and 'Less than £10'.

Estimate the totals and write these additions in the correct set.

Then choose two from each set to solve.

$£7.25 + £2.49$

$£6.49 + £4.25$

$£8.85 + £1.30$

$£6.49 + £3.65$

$£5.35 + £4.59$

$£4.89 + £4.79$

# Adding amounts of money

## Sheet 2

Estimate the total to the nearest pound and then use compact column addition to find the total for each addition.

$$£4.25 + £3.69$$

$$£5.75 + £2.63$$

$$£6.69 + £1.35$$

$$£5.75 + £3.89$$

$$£4.68 + £3.55$$

$$£9.25 + £3.32$$

$$£8.29 + £7.35$$

$$£6.79 + £5.25$$

Draw two sets and label them 'More than £10' and 'Less than £10'.  
Estimate the totals and write these additions in the correct set.  
Then choose two from each set to solve.

$$£7.25 + £2.49$$

$$£6.49 + £4.25$$

$$£8.85 + £1.30$$

$$£6.49 + £3.65$$

$$£5.35 + £4.59$$

$$£4.89 + £4.79$$

# Addition and subtraction

## Answers

### Day 1 Adding pairs of 3-digit numbers Sheet 1

- $428 + 347$  ( $430 + 350 = 780$ ) = 775
- $539 + 218$  ( $540 + 220 = 760$ ) = 757
- $482 + 396$  ( $480 + 400 = 880$ ) = 878
- $518 + 284$  ( $520 + 280 = 800$ ) = 802
- $493 + 267$  ( $490 + 270 = 760$ ) = 760
- $826 + 715$  ( $830 + 720 = 1550$ ) = 1541
- $724 + 693$  ( $720 + 690 = 1410$ ) = 1417
- $685 + 496$  ( $690 + 500 = 1190$ ) = 1181

### Challenge

Write two 3-digit numbers with a total of exactly 1000. No zeros allowed!

e.g.  $555 + 445 = 1000$   
 $635 + 365 = 1000$

### Day 1 Adding three 3-digit numbers Sheet 2

- $235 + 419 + 317$  ( $240 + 420 + 320 = 980$ ) = 971
- $463 + 182 + 323$  ( $460 + 180 + 320 = 960$ ) = 968
- $478 + 396 + 314$  ( $480 + 400 + 310 = 1190$ ) = 1188
- $546 + 279 + 384$  ( $550 + 280 + 380 = 1210$ ) = 1209
- $821 + 431 + 218$  ( $820 + 430 + 220 = 1470$ ) = 1470
- $739 + 218 + 426$  ( $740 + 220 + 430 = 1390$ ) = 1383
- $863 + 471 + 352$  ( $860 + 470 + 350 = 1680$ ) = 1686
- $876 + 485 + 567$  ( $880 + 490 + 570 = 1940$ ) = 1928

### Challenge

Write three 3-digit numbers with a total of exactly 1000. No zeros allowed!

e.g.  $222 + 666 + 112 = 1000$   
 $356 + 145 + 499 = 1000$

### Day 2 Adding amounts of money Sheet 1

$$£4.25 + £3.69 = £7.94$$

$$£5.75 + £2.63 = £8.38$$

#### More than £10

$$£6.49 + £4.25 (£10.74)$$

$$£8.85 + £1.30 (£10.15)$$

$$£6.49 + £3.65 (£10.14)$$

#### Less than £10

$$£7.25 + £2.49 (£9.74)$$

$$£5.35 + £4.59 (£9.94)$$

$$£4.89 + £4.79 (£9.68)$$

# Addition and subtraction

## Answers

### Day 2 Adding amounts of money Sheet 2

$$£4.25 + £3.69 = £7.94$$

$$£5.75 + £2.63 = £8.38$$

$$£6.69 + £1.35 = £8.04$$

$$£5.75 + £3.89 = £9.64$$

$$£4.68 + £3.55 = £8.23$$

$$£9.25 + £3.32 = £12.57$$

$$£8.29 + £7.35 = £15.64$$

$$£6.79 + £5.25 = £12.04$$

#### More than £10

$$£6.49 + £4.25 (£10.74)$$

$$£8.85 + £1.30 (£10.15)$$

$$£6.49 + £3.65 (£10.14)$$

#### Less than £10

$$£7.25 + £2.49 (£9.74)$$

$$£5.35 + £4.59 (£9.94)$$

$$£4.89 + £4.79 (£9.68)$$