Yr 3 Place Value and Money Unit 3 (3163)

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

Day 1 How much money is in the purse? Sheet 1
Working towards ARE

Day 1 Writing Money Sheet 2
Working at ARE / Greater Depth.

Day 2 Comparing money Sheet 1
Working toward ARE / Working at ARE

Day 2 Comparing money Sheet 2
Working at Greater Depth

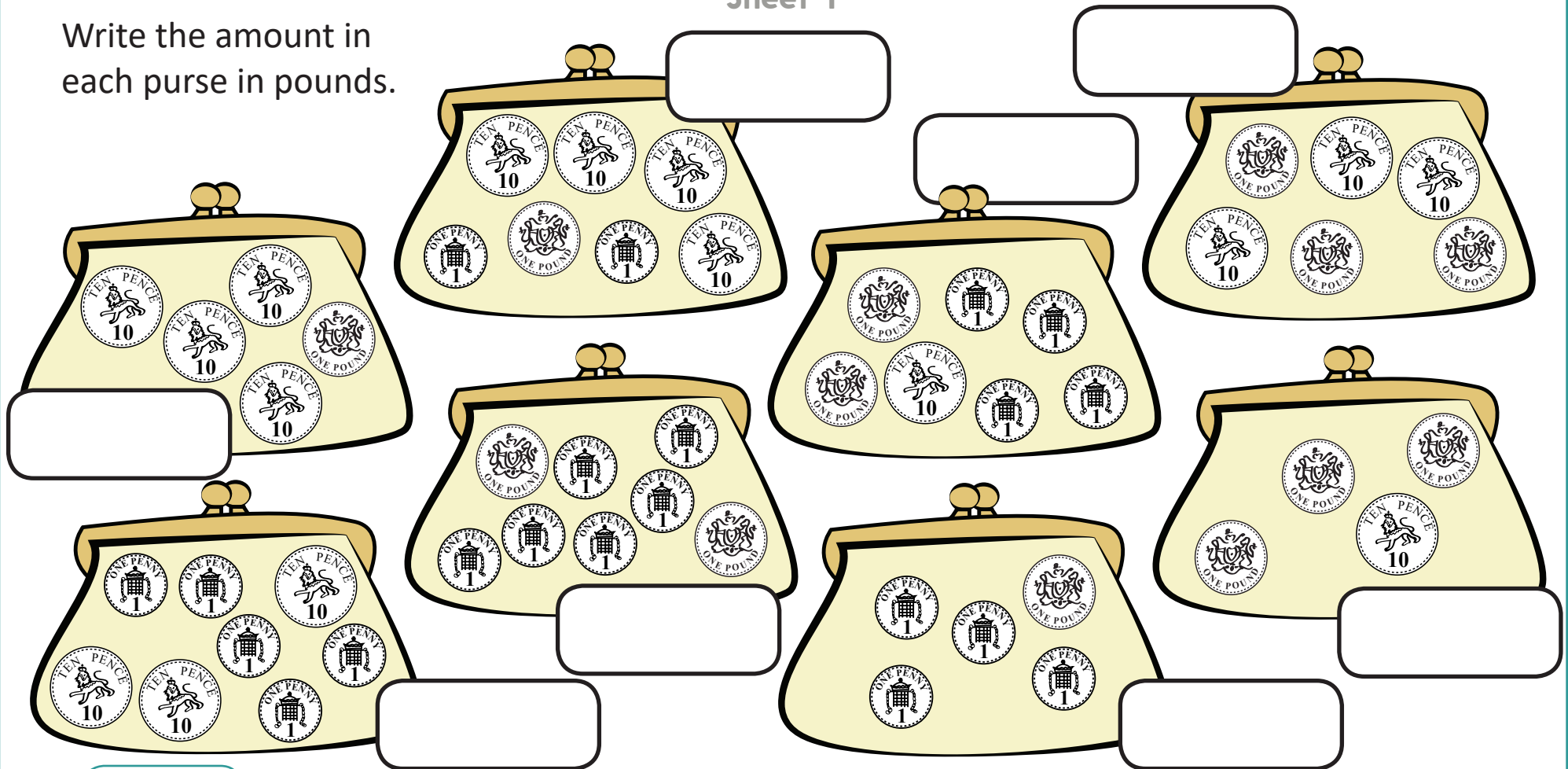**Day 3 Writing amounts of money Sheet 1**
Working toward ARE

Day 3 Money Problems Sheet 2
Working at ARE / Greater Depth

How much money is in the purse?
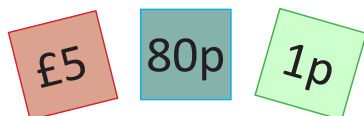
Write the amount in each purse in pounds.

Challenge

Pick two purses and draw a purse with an amount between these two. Write that amount.

Writing Money
Sheet 2

| £10 | £5 | £4 | 80p | 60p | 50p | 10p | 7p | 5p | 1p |

1. Choose 3 different coloured cards. Write the amount these give you. Do this six times to make six different amounts,

£5 80p 1p

e.g. £5 and 80p and 1p give us £5.81

2. Choose just2 cards. One must be pounds. Write the amount these give you. Do this six times to make six different amounts,

£5 80p

e.g. £5 and 80p give us £5.80

Challenge

Write five amounts between £10 and £11 which have two zeros in them. Try to have the zeros in different places!

Comparing money
Sheet 1

Write the amounts in each grid in an inequality sentence,
e.g. £2.78 < £2.87
Make sure to put the crocodile the right way round!

£	.	10p	1p
3	.	4	3
4	.	3	4

£	.	10p	1p
2	.	0	9
2	.	2	1

£	.	10p	1p
1	.	4	1
1	.	1	4

£	.	10p	1p
9	.	6	0
9	.	0	6

£	.	10p	1p
12	.	1	2
21	.	0	0

£	.	10p	1p
5	.	5	3
5	.	3	5

Challenge

Use these four amounts. How many possible inequality sentences can be written?

£5.15   £5.51   £5.05   £5.50

Comparing money
Sheet 2

| £3.13 | £3.10 | £3.03 | £3.30 | £3.31 | £3.06 |

Choose two cards.

Write an inequality sentence, e.g. £3.10 < £3.13

Write **ALL** the possible inequality sentences using these cards.

How many are there?

How can you be certain you have found them all?

NOTE: for this investigation, £3.10 < £3.13 is the same as £3.13 > £3.10
It does not matter which way round you write the two numbers as long as the sign between them is correct.

* Show yourself
* Show your partner
* Show your teacher

Writing amounts of money

Sheet 1

£0	£1	£2	£3	£4	£5	£6	£7	£8	£9
0p	10p	20p	30p	40p	50p	60p	70p	80p	90p
0p	1p	2p	3p	4p	5p	6p	7p	8p	9p

Choose one amount from each row.

Write the addition and the total, e.g. £3 + 40p + 6p = £3.46

Do this eight times.

Challenge

Now do it three more times with only two amounts – one from the top row and one from the bottom.

Money Problems
Sheet 2

Read each problem. Work out what amounts to add or subtract. Write the answer.

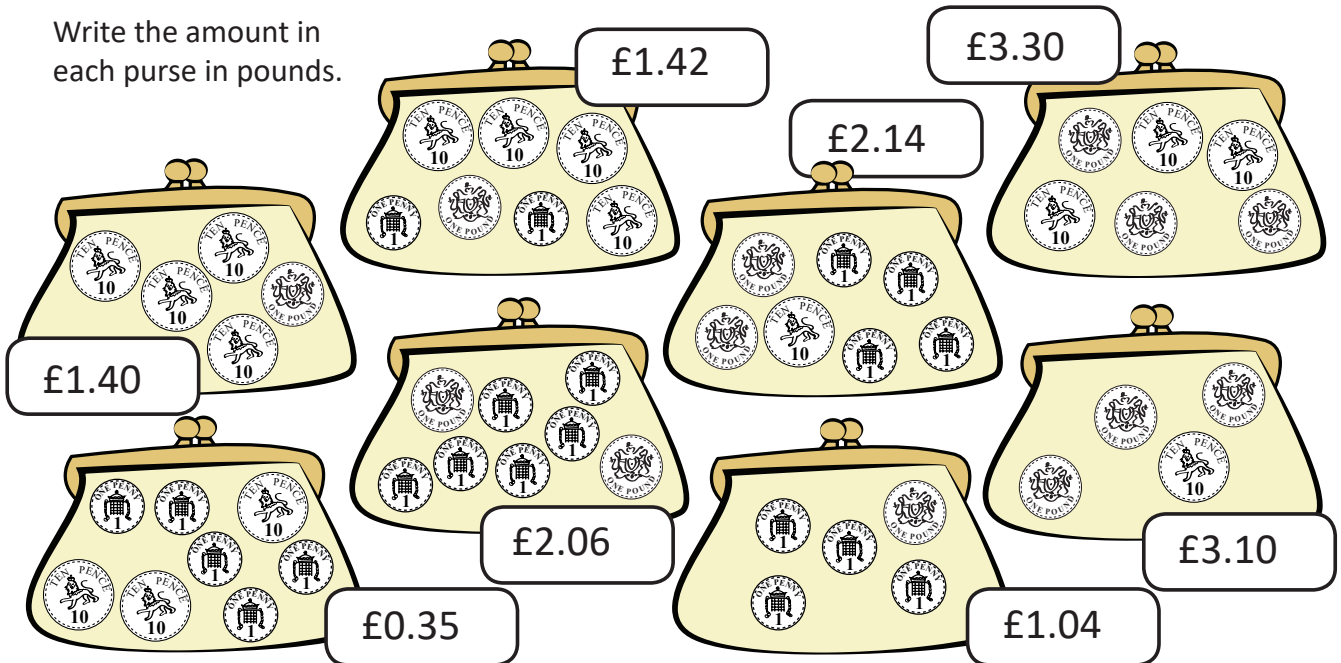|		
1. Sita has £5 and 5p. Her brother has 60p. How much do they have altogether?	2. Mazi has £4.44 and he spends 40p on a biscuit. How much does he have left?	3. Susan has three 5p coins, Bill has three 50p coins. How much do they have altogether?
4. I have £2.57 in my purse. How much have I left if I give away 50p?	5. In the collection box there are five £1 coins, two £2 coins, three 10p coins, and four 2p coins. Write the amount in the box.	6. Sunil spends £1.05 on a pack of Pokemon cards. He has 80p left. How much did he start with?
7. Jim has three pounds, Fred has 30p and Tom has 9p. Write how much they have altogether.	8. Rama's hamster food costs 67p for a bag. He has £2.68. How much has he left when he has bought it?	9. Dog collars cost £5.15. If Sam gives the shopkeeper 5 pound coins and two 10p pieces, how much change does he get?
10. Wanda needs to save £4.50 for a cinema ticket. She has three pound coins and three 50p coins. Has she enough?	11. Miles needs £4.99 to buy a ticket to the film he wants to see. He counts his money and sees that he has five pound coins and a 10p coin. How much change will he have?	12. Bella has £2.23. If she spends 33p on a drink, how much has she left?

Challenge

We have saved £3.09.   How many times do we need to add two 20p coins to have over £10?

Place value and money
Answers

Day 1 How much money is in the purse? Sheet 1

Write the amount in each purse in pounds.

£1.42

£3.30

£2.14

£1.40

£2.06

£0.35

£1.04

£3.10

Day 1 Writing Money Sheet 2

1) Possible answers:

£10 + 80p + 7p = £10.87	£5 + 80p + 7p = £5.87	£4 + 80p + 7p = £4.87
£10 + 80p + 5p = £10.85	£5 + 80p + 5p = £5.85	£4 + 80p + 5p = £4.85
£10 + 80p + 1p = £10.81	£5 + 80p + 1p = £5.81	£4 + 80p + 1p = £4.81
£10 + 60p + 7p = £10.67	£5 + 60p + 7p = £5.67	£4 + 60p + 7p = £4.67
£10 + 60p + 5p = £10.65	£5 + 60p + 5p = £5.65	£4 + 60p + 5p = £4.65
£10 + 60p + 1p = £10.61	£5 + 60p + 1p = £5.61	£4 + 60p + 1p = £4.61
£10 + 50p + 7p = £10.57	£5 + 50p + 7p = £5.57	£4 + 50p + 7p = £4.57
£10 + 50p + 5p = £10.55	£5 + 50p + 5p = £5.55	£4 + 50p + 5p = £4.55
£10 + 50p + 1p = £10.51	£5 + 50p + 1p = £5.51	£4 + 50p + 1p = £4.51
£10 + 10p + 7p = £10.17	£5 + 10p + 7p = £5.17	£4 + 10p + 7p = £4.17
£10 + 10p + 5p = £10.15	£5 + 10p + 5p = £5.15	£4 + 10p + 5p = £4.15
£10 + 10p + 1p = £10.11	£5 + 10p + 1p = £5.11	£4 + 10p + 1p = £4.11

Place value and money

Day 1 Writing Money Sheet 2 (continued)

2) Possible answers:

£10 + 80p = £10.80	£5 + 80p = £5.80	£4 + 80p = £4.80
£10 + 60p = £10.60	£5 + 60p = £5.60	£4 + 60p = £4.60
£10 + 50p = £10.50	£5 + 50p = £5.50	£4 + 50p = £4.50
£10 + 10p = £10.10	£5 + 10p = £5.10	£4 + 10p = £4.10
£10 + 7p = £10.07	£5 + 7p = £5.07	£4 + 7p = £4.07
£10 + 5p = £10.05	£5 + 5p = £5.05	£4 + 5p = £4.05
£10 + 1p = £10.01	£5 + 1p = £5.01	£4 + 1p = £4.01

Challenge

£10.01	£10.02	£10.03	£10.04	£10.05	£10.06
£10.07	£10.08	£10.09	£10.10	£10.20	£10.30
£10.40	£10.50	£10.60	£10.70	£10.80	£10.90

Day 2 Comparing money Sheet 1

£3.43 < £4.34   £2.09 < £2.21
£1.41 > £1.14   £9.60 > £9.06
£12.12 < £21.00   £5.53 > £5.35

Challenge   12 possible comparisons

£5.05 < £5.15	£5.05 < £5.50
£5.05 < £5.51	£5.15 < £5.50
£5.15 < £5.51	£5.50 < £5.51
£5.51 > £5.50	£5.51 > £5.15
£5.51 > £5.05	£5.50 > £5.15
£5.50 > £5.05	£5.15 > £5.05

Day 2 Comparing money Sheet 2

£3.03 < £3.06	£3.03 < £3.13	£3.03 < £3.30	£3.03 < £3.31
	£3.06 < £3.13	£3.06 < £3.30	£3.06 < £3.31
£3.03 < £3.10	£3.10 < £3.13	£3.10 < £3.30	£3.10 < £3.31
£3.06 < £3.10		£3.13 < £3.30	£3.13 < £3.31
			£3.30 < £3.31

15 possible comparisons

Place value and money

Answers

Day 3 Writing amounts of money Sheet 1

Allow any eight correct additions where the child has chosen one amount from each row,

e.g. £3 + 40p + 6p = £3.46

Challenge

Allow any three correct additions where the child has chosen one amount from the top row and one from the bottom row,

e.g. £3 + 6p = £3.06

Day 3 Money Problems Sheet 2

1. £5.05 + £0.60 = £5.65	2. £4.44 - £0.40 = £4.04	3. £0.15 + £1.50 = £1.65
4. £2.57 - £0.50 = £2.07	5. £9.38	6. £1.05 + £0.80 = £1.85
7. £3.39	8. £2.68 - £0.67 = £2.01	9. £5.20 - £5.15 = £0.05
10. YES £3.00 + £1.50 = £4.50	11. £5.10 - £4.99 = £0.11	12. £2.23 - £0.33 = £1.90

Challenge

You need to add 40p 18 times to get over £10.
(£3.09 + £7.20 (40p x 18) = £10.29)