### Homework/Extension Step 1: Pounds and Pence

#### **National Curriculum Objectives:**

Mathematics Year 3: (3M9a) Add and subtract amounts of money to give change, using both £ and p in practical contexts

#### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Complete the comparison statement identifying the value and finding the total of up to three notes and coins. Where scaffolding for the answer is provided.

Expected Complete the comparison statement identifying the value and finding the total of notes and coins.

Greater Depth Complete the comparison statement identifying the value and finding the total of notes and coins. Some values displayed without coins, e.g. two £5 notes. Coins that are less than £1 could total more than 100p.

Questions 2, 5 and 8 (Varied Fluency)

Developing Identify the value and find the total of up to three notes and coins to decide which representations have a given total. Where scaffolding for the answer is provided. Expected Identify the value and find the total of notes and coins to decide which representations have a given total.

Greater Depth Identify the value and find the total of notes and coins to decide which representations have a given total. Some values displayed without coins, e.g. two £5 notes. Coins that are less than £1 could total more than 100p.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Explain if a total can be made using three given coins. Where scaffolding for the answer is provided.

Expected Explain if a total can be made in three different ways using given coins. Greater Depth Explain if a total can be made in three different ways using given coins. Coins that are less than £1 could total more than 100p.

More Year 3 Money resources.

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### **Pounds and Pence**

Complete the representations be statements are true.	pelow using pounds o	and pence so that the
A. £6 and 10p		£p
B. £2 and 70p	>	£ and p
☆		VF HW/Ext
2. Tick the representations that ha	ve a total of £2 and 1	10p.
A. B.	PO	C. Santo Sugar
FIVE PENCE.		Wasterill Masterill
		VF HW/Ext
3. Annabelle has the coins below	in her money box.	
San Prairie		122
		e coins, I can make ve pence.
Is she correct? Explain how you k	now.	RPS HW/Ext
L		

### **Pounds and Pence**

	the representatio		words, pound	s and pence o	r coins and
	Singland 20	>			
B. <b>£</b> ↑	11 and 76p	<			
<b>*</b>					VF HW/Ext
5. Tick the rep	oresentations tha	t have a total of	£7 and 81p.		
A. (1)		B.	int or chapter	C.	ven
	int or Singlans			pound eight	ds and y-one
				pe	nce
					VF HW/Ext
6. Harry has the	he coins below in	his money box		PRACE	THE THE PARTY OF T
	5 5		of these coins in three diffe	, I can make fi rent ways.	fty
Is he correct?	? Explain how you	J know.			RPS HW/Ext
					⊓VV/ ČXI

### CLASSROOM Secrets

## **Pounds and Pence**

	omplete the representat s so that the statements			rds, pound	ds and	pence or coins a	nd
A.	£5 and 25p	>	Three po and four penc	leen	<		
B.		>			=	Twelve £1 coins, one 50 coin and six 10p coins	<b>C</b>
	k the representations th	at have	e a total grec	iter than £	9 and 5	Op but less than t	E12
and	50p.	В.			C.	five £2 coir	1S.
	two £5 notes and eight 2p	£5	Sant of Sugling	Was loss		our 20p coi four 5p coi	ns,
	coins		Towneds The state of the state			and seven coins.	1p
							VF HW/Ext
9. Sa	diq has the coins below	in his r	money box.		No ly	ON VENTO	Constant of the second
				13 As	S PRICE		
			sing some of and 45p pen				
Is he	correct? Explain how y	ou knov	w.				RPS HW/Ext

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# <u>Homework/Extension</u> Pounds and Pence

#### Developing

- 1. Various answers, for example: A. £7 and 15p; B. £1 and 25p.
- 2. A and B
- 3. Annabelle cannot make twenty-five pence with any of the three coins, because she would need a 20p coin to add to the 5p coin.

#### **Expected**

- **4.** Various answers, for example: A. six pounds and twenty pence or £6 and 20p; B. £12 and 50p or twelve pounds and fifty pence or a drawing of one £10 note, one £2 coin, one 50p coin.
- 5. B and C
- 6. Harry could make 50p using: one 50p coin; four 10p coins and two 5p coins; two 20p coins and one 10p coin.

#### **Greater Depth**

- 7. Various answers, for example: A. £4 and 89p or four pounds and eighty-nine pence; B. £15 and 36p or fifteen pounds and thirty-six pence > £13 and 10p or thirteen pounds and ten pence. Values may also be shown by drawing notes and coins.
- 8. A and C
- 9. Sadiq is correct because he can use one £1 coin, two 20p coins and one 5p coin; five 20p coins, two 10p coins, four 5p coins, two 2p coins and one 1p coin; one 50p coin, three 20p coins, two 10p coins and three 5p coins.

