

# BEST OF BRITISH MONEY





# THIS WEEKS THEME: MONEY



In Britain our currency (money) is pounds and pence. You can't spend our coins and notes in other countries because they have different currencies. This week we are going to be looking at maths questions that involve money. Money is an important thing to learn about because you need to understand it to be able to pay for things and make sure someone is paying you the right amount once you get a job. As usual, pick the level where you need to start by doing the questions for everyone.



# SKILL 1 TO RECOGNISE COINS AND NOTES



# SKILL 1 QUESTIONS FOR EVERYONE

For the skill 1 questions for everyone this week you need to do the quiz at this link: [HTTPS://WWW.EDUCATIONQUIZZES.COM/KS1/MATHS/YEAR-1-MONEY-VALUE/](https://www.educationquizzes.com/ks1/maths/year-1-money-value/)

Make sure you scroll down the page to see all the questions.

If you didn't know the answers have a go at the blue slides. Otherwise move on to skill 2.

# SKILL 1 ACTIVITIES

**Remember you don't have to do them all today – you have all week.**

If you are now happy with the answers to all those questions go on to Skill 2. If you think this is the skill level you need to keep working on try these activities:

Watch these video clips about coins:

<https://www.youtube.com/watch?v=dFzAU3u06Ps>

[https://www.youtube.com/watch?v=vs8F\\_g3MGtM](https://www.youtube.com/watch?v=vs8F_g3MGtM)



See if you can find some coins around your house. Either use a crayon to do a rubbing of both sides of your coin or if you don't have a crayon draw round it and copy the design onto your drawing. Make sure you write down which coin it is you have drawn.

Get someone at home to show you some coins and test you on which is which.  
Can you recognise them all?

# SKILL 1 ACTIVITIES

Remember you don't have to do them all today – you have all week.



Write down the coins that are in each jar.

So for the first one you would write:

2 10 pence coins, 1 5 pence and a 50 pence.



# SKILL 1 ACTIVITIES

Remember you don't have to do them all today – you have all week.

## Coin fun Activity sheet

Follow the coins UP, DOWN, LEFT or RIGHT in this order →  
to get to the piggy bank.  
(No diagonal moves allowed.)



**START**


**FINISH**

Follow the coins through the maze. Which types of coins are on this sheet?

# SKILL 1 ACTIVITIES

Remember you don't have to do them all today – you have all week.

Have a look at this clip about British notes: [https://www.youtube.com/watch?v=5DDI\\_RIZBOc](https://www.youtube.com/watch?v=5DDI_RIZBOc)

Using the video or by looking at some notes you might have at home write down the colour and number on each note.

Get someone to test you to see if you recognise which note is which.



# SKILL 1 ACTIVITIES

Have a go at this coin game. Make sure you choose the British flag. You only need to do the sorting and ordering games.

<https://www.topmarks.co.uk/money/coins-game>

You could also try this game  
<https://natwest.mymoneysense.com/students/students-5-8/spot-the-coins/>

Then do this activity where you have to draw lines to match the coins, their name and their value.

Draw lines to match the pictures of the coins to their correct names and values.

COIN	NAME	VALUE
	2 PENCE	5p
	5 PENCE	1p
	10 PENCE	2p
	1 PENCE	10p
	50 PENCE	£2 (= 200p)
	2 POUND	50p
	20 PENCE	£1 (= 100p)
	1 POUND	20p

# SKILL 1 ANSWERS



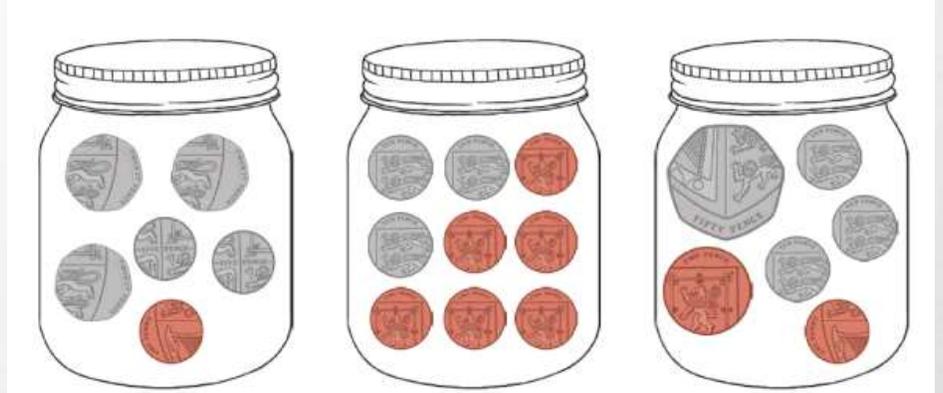
**2 10 pence,  
1 5 pence,  
1 50 pence**



**One pound**



**1 50 pence,  
1 20 pence,  
1 10 pence  
and 2 2 pence**



**3 20 pence,  
2 5 pence,  
1 1 pence**

**3 10 pence,  
6 1 pence**

**1 50 pence,  
3 10 pence,  
1 2 pence,  
1 1 pence**



# SKILL 2 TO ADD COINS TO FIND THE TOTAL AMOUNT

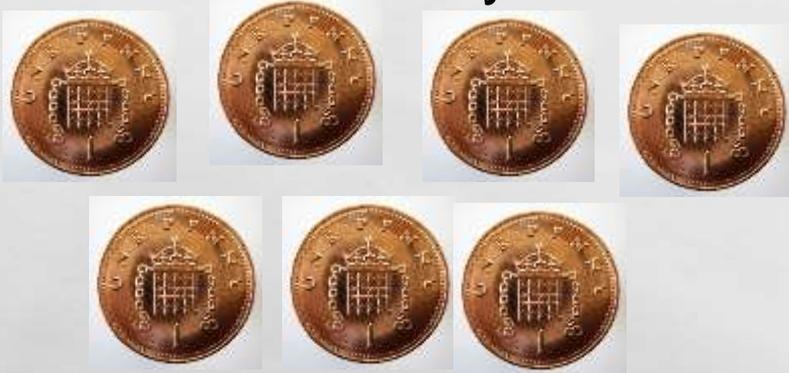


# SKILL 2 QUESTIONS FOR EVERYONE

See if you can answer these questions for everyone. The answers are on the next slide:

1.  $2p + 2p + 2p =$

2. How much money is here?



3. How much money is here?



4. How much money is here?



# SKILL 2 ANSWERS FOR EVERYONE

1. 6p or 6 pence
2. 7p or 7 pence
3. 40p or 40 pence
4. 30p or 30 pence

If you struggled and need to work on this skill these clips will help you with the activities coming up:

When we count 1p coins we just count how many there are but with other coins we work a bit differently.

This video shows how to count 2p coins:

<https://www.youtube.com/watch?v=f26hFu6JwX4>

This one shows you how to count 5p coins:

<https://www.youtube.com/watch?v=zWnZi7pmWY>

When we count 10p coins we count up in 10s instead.

These clips show how to count coins with different values:

<https://www.bbc.co.uk/bitesize/clips/zbn9r82>

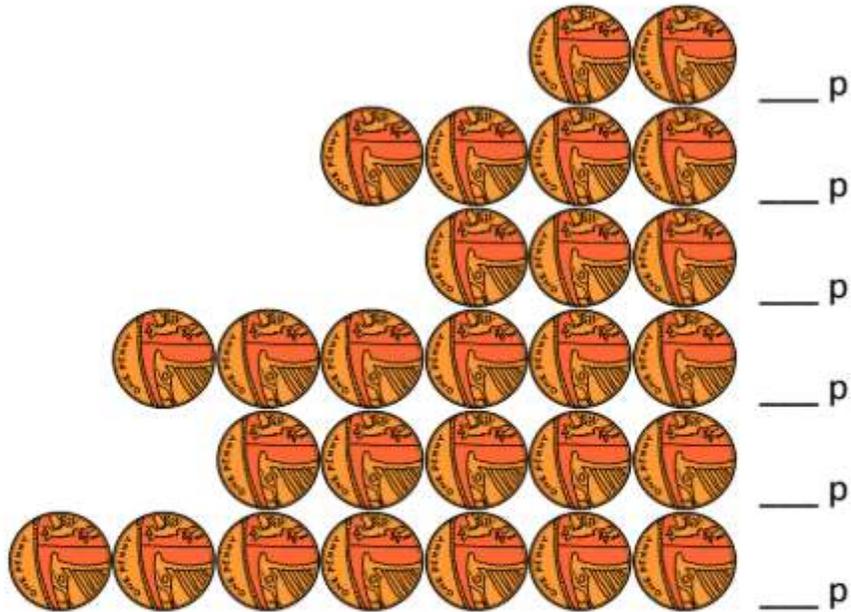
<https://www.bbc.co.uk/bitesize/clips/zx487ty>

# SKILL 2 ACTIVITIES

Remember you don't have to do them all today – you have all week.

If you are now happy with the answers to all those questions go on to Skill 3. If you think this is the stage you need to keep working on try these activities:

Count the 1p coins and write down the correct totals.



Fill in the correct amounts

- |                            |                       |
|----------------------------|-----------------------|
| <u>3</u> 1p coins makes 3p | ___ 1p coins makes 2p |
| ___ 1p coins makes 5p      | ___ 1p coins makes 7p |
| ___ 1p coins makes 4p      | ___ 1p coins makes 6p |

Count the 2p coins and write down the correct amounts.



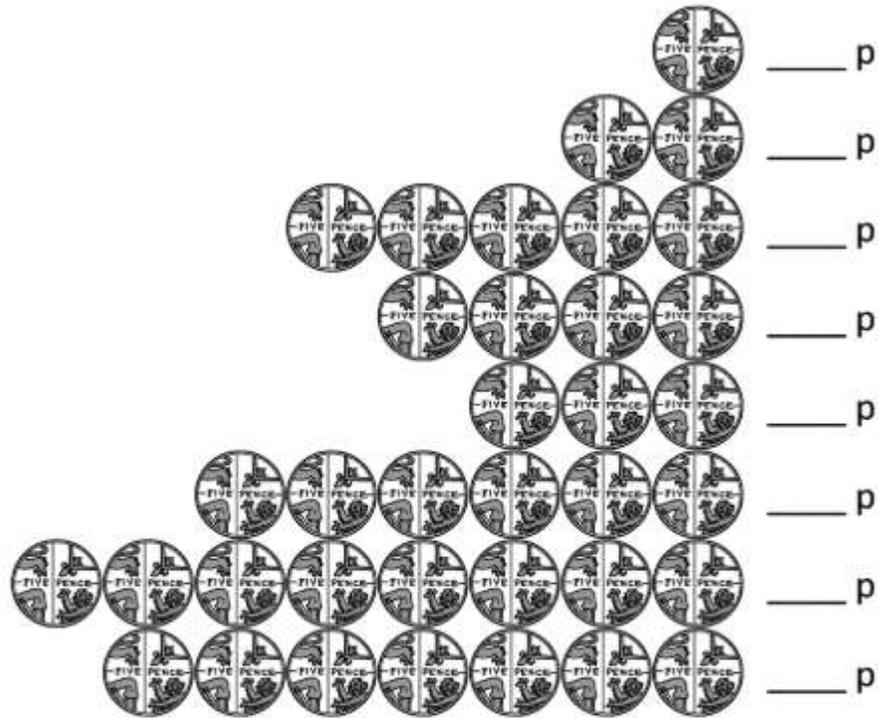
Fill in the correct amounts

- |                        |                        |
|------------------------|------------------------|
| ___ 2p coins makes 6p  | ___ 2p coins makes 2p  |
| ___ 2p coins makes 4p  | ___ 2p coins makes 8p  |
| ___ 2p coins makes 12p | ___ 2p coins makes 16p |
| ___ 2p coins makes 10p | ___ 2p coins makes 14p |

# SKILL 2 ACTIVITIES

Remember you don't have to do them all today – you have all week.

Count the 5p coins and write down the correct amounts.



Fill in the correct amounts

- |                        |                        |
|------------------------|------------------------|
| ___ 5p coins makes 15p | ___ 5p coins makes 10p |
| ___ 5p coins makes 30p | ___ 5p coins makes 20p |
| ___ 5p coins makes 25p | ___ 5p coins makes 40p |

Count the 10p coins and write down the correct amounts.



Fill in the correct amounts

- |                         |                         |
|-------------------------|-------------------------|
| ___ 10p coins makes 20p | ___ 10p coins makes 50p |
| ___ 10p coins makes 60p | ___ 10p coins makes 20p |
| ___ 10p coins makes 70p | ___ 10p coins makes 80p |

# SKILL 2 ACTIVITIES

Remember you don't have to do them all today – you have all week.

Count the 1p and 2p coins and write down the totals.



Fill in the correct amounts

$$2p + 2p + 1p + 1p = \underline{\quad} p$$

$$2p + 1p + 1p + 1p + 2p = \underline{\quad} p$$

$$2p + 2p + 1p + 2p + 1p = \underline{\quad} p$$

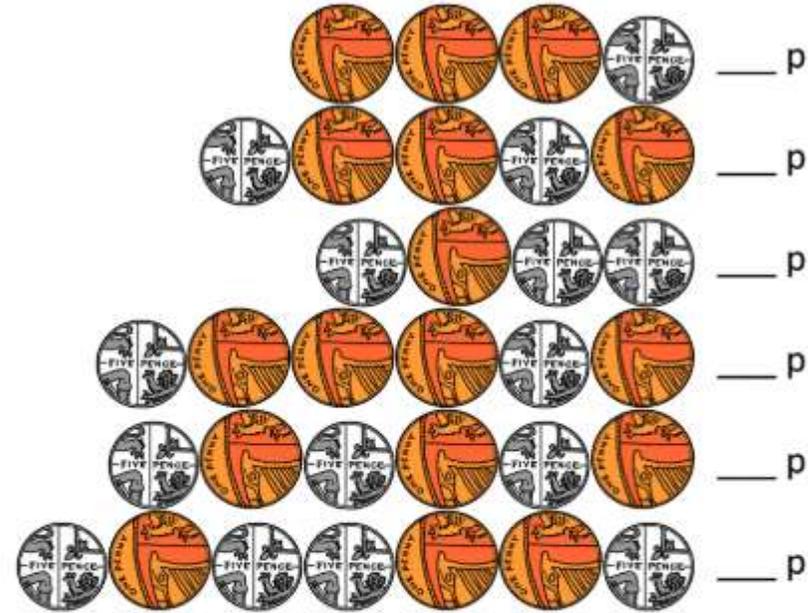
$$2p + 1p + 2p + 1p + 2p = \underline{\quad} p$$

$$2p + 2p + 2p + 2p = \underline{\quad} p$$

$$1p + 1p + 1p + 2p + 2p = \underline{\quad} p$$

$$2p + 2p + 2p + 2p + 2p = \underline{\quad} p$$

$$2p + 1p + 2p + 2p + 2p = \underline{\quad} p$$



Fill in the correct amounts, remember to count the 5p coins first.

$$1p + 5p + 1p = \underline{\quad} p$$

$$5p + 1p + 1p + 5p = \underline{\quad} p$$

$$1p + 1p + 5p + 1p = \underline{\quad} p$$

$$5p + 1p + 5p + 5p = \underline{\quad} p$$

$$1p + 5p + 1p + 1p + 5p = \underline{\quad} p$$

$$5p + 1p + 1p + 5p + 5p = \underline{\quad} p$$

$$1p + 5p + 5p + 1p + 5p + 1p = \underline{\quad} p$$

$$5p + 1p + 5p + 5p + 5p = \underline{\quad} p$$

# SKILL 2 ACTIVITIES

Count the 10p and 1p coins and write down the totals.



Fill in the correct amounts, remember to count the 10p coins first.

$$1p + 10p + 1p + 1p = \underline{\quad} p$$

$$10p + 1p + 10p + 1p = \underline{\quad} p$$

$$10p + 1p + 10p + 10p = \underline{\quad} p$$

$$10p + 1p + 10p + 10p + 1p = \underline{\quad} p$$

$$10p + 10p + 10p + 10p = \underline{\quad} p$$

$$1p + 1p + 10p + 1p + 1p = \underline{\quad} p$$

$$10p + 10p + 10p + 10p + 10p + 10p + 10p + 1p + 1p + 1p + 1p = \underline{\quad} p$$

Count the money, and work out the total of all the coins!



Work out the total of the coins below:

$$10p + 10p + 10p + 1p = \underline{\quad} p$$

$$20p + 10p + 5p + 5p + 2p = \underline{\quad} p$$

$$20p + 10p + 5p + 5p + 1p = \underline{\quad} p$$

$$20p + 5p + 5p + 5p + 2p = \underline{\quad} p$$

# SKILL 2 ACTIVITIES

This activity has pounds and pence. If you are not sure how to write this have a look at this page. <https://www.bbc.co.uk/bitesize/articles/znf4kmm>  
 Note you only need to watch 55 seconds of the second video and the pound coins they use are the old ones. Pound coins now look like the ones below.

Count the money, and work out the total of all the coins!

\_\_\_\_\_ p

\_\_\_\_\_ p

\_\_\_\_\_ p

\_\_\_\_\_ p

\_\_\_\_\_ p

Work out the total of the coins below:

$$50p + 20p + 10p + 5p = \underline{\quad} p \quad 20p + 20p + 5p + 5p + 2p = \underline{\quad} p$$

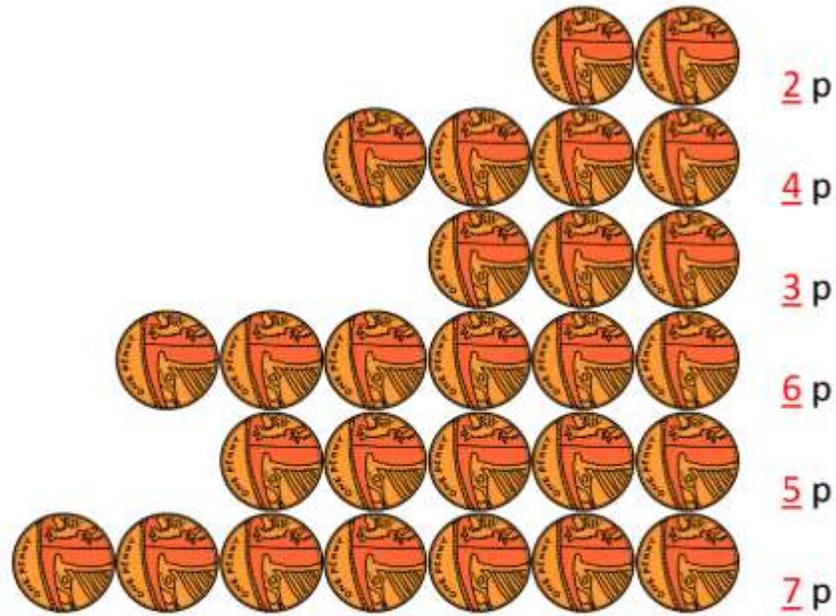
$$50p + 10p + 5p + 2p + 2p = \underline{\quad} p \quad 20p + 20p + 20p + 10p = \underline{\quad} p$$

Work out how much money is in each box, then use the correct symbol: >, < or = to show whether Newton or Quadra has the most money.

Newton 	Symbol	Quadra 
		
		
		
		
		

# SKILL 2 ANSWERS

Count the 1p coins and write down the correct totals.



Fill in the correct amounts

3 1p coins makes 3p

2 1p coins makes 2p

5 1p coins makes 5p

7 1p coins makes 7p

4 1p coins makes 4p

6 1p coins makes 6p

Count the 2p coins and write down the correct amounts.



Fill in the correct amounts

3 2p coins makes 6p

1 2p coins makes 2p

2 2p coins makes 4p

4 2p coins makes 8p

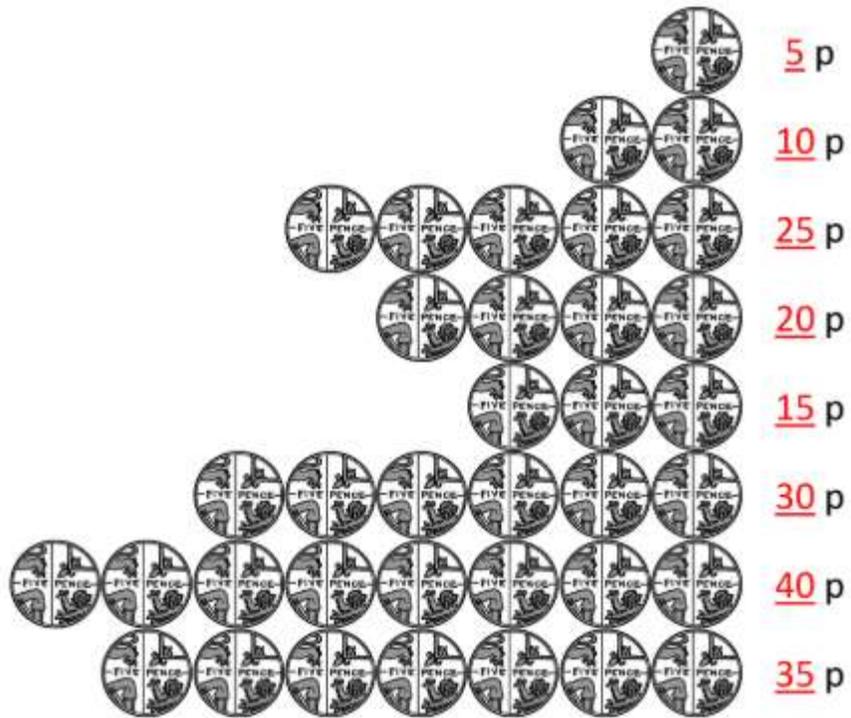
6 2p coins makes 12p

8 2p coins makes 16p

5 2p coins makes 10p

7 2p coins makes 14p

# SKILL 2 ANSWERS



Fill in the correct amounts

- |                             |                             |
|-----------------------------|-----------------------------|
| <u>3</u> 5p coins makes 15p | <u>2</u> 5p coins makes 10p |
| <u>6</u> 5p coins makes 30p | <u>4</u> 5p coins makes 20p |
| <u>5</u> 5p coins makes 25p | <u>8</u> 5p coins makes 40p |



Fill in the correct amounts

- |                              |                              |
|------------------------------|------------------------------|
| <u>2</u> 10p coins makes 20p | <u>5</u> 10p coins makes 50p |
| <u>6</u> 10p coins makes 60p | <u>2</u> 10p coins makes 20p |
| <u>7</u> 10p coins makes 70p | <u>8</u> 10p coins makes 80p |

# SKILL 2 ANSWERS



Fill in the correct amounts

$$2p + 2p + 1p + 1p = \underline{6} p$$

$$2p + 1p + 1p + 1p + 2p = \underline{7} p$$

$$2p + 2p + 1p + 2p + 1p = \underline{8} p$$

$$2p + 1p + 2p + 1p + 2p = \underline{8} p$$

$$2p + 2p + 2p + 2p = \underline{8} p$$

$$1p + 1p + 1p + 2p + 2p = \underline{7} p$$

$$2p + 2p + 2p + 2p + 2p = \underline{10} p$$

$$2p + 1p + 2p + 2p + 2p = \underline{9} p$$



Fill in the correct amounts, remember to count the 5p coins first.

$$1p + 5p + 1p = \underline{7} p$$

$$5p + 1p + 1p + 5p = \underline{12} p$$

$$1p + 1p + 5p + 1p = \underline{8} p$$

$$5p + 1p + 5p + 5p = \underline{16} p$$

$$1p + 5p + 1p + 1p + 5p = \underline{13} p$$

$$5p + 1p + 1p + 5p + 5p = \underline{17} p$$

$$1p + 5p + 5p + 1p + 5p + 1p = \underline{18} p$$

$$5p + 1p + 5p + 5p + 5p = \underline{21} p$$

# SKILL 2 ANSWERS



Fill in the correct amounts, remember to count the 10p coins first.

$$1p + 10p + 1p + 1p = \underline{13} p$$

$$10p + 1p + 10p + 1p = \underline{22} p$$

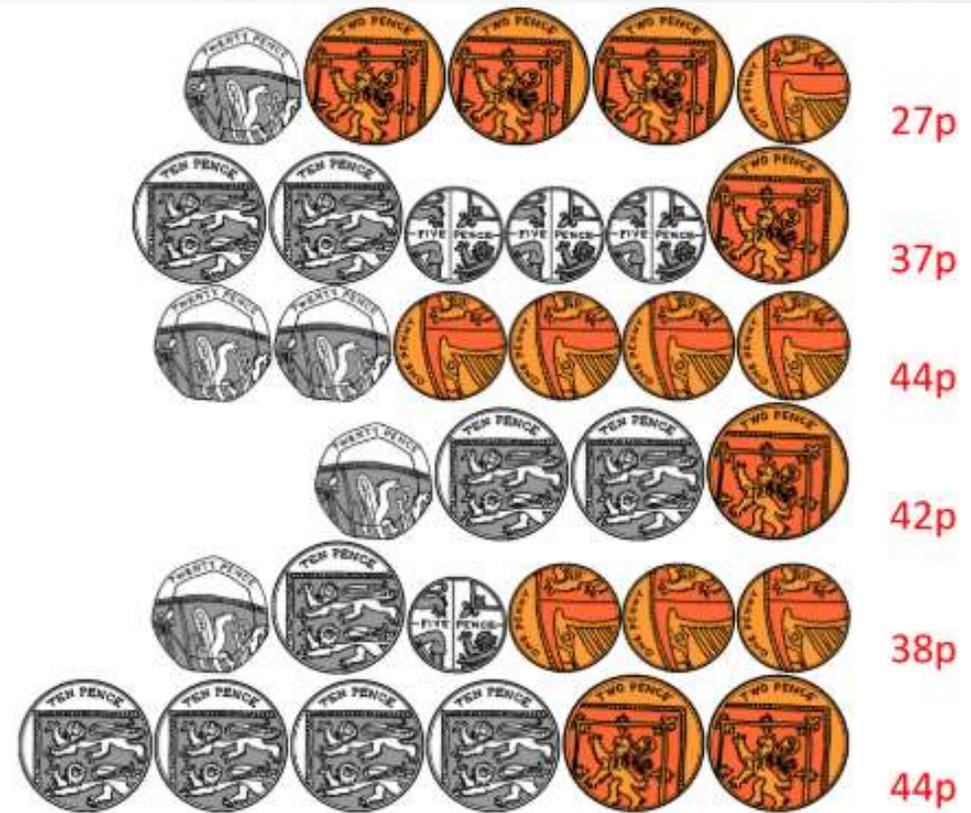
$$10p + 1p + 10p + 10p = \underline{31} p$$

$$10p + 1p + 10p + 10p + 1p = \underline{32} p$$

$$10p + 10p + 10p + 10p = \underline{40} p$$

$$1p + 1p + 10p + 1p + 1p = \underline{14} p$$

$$10p + 10p + 10p + 10p + 10p + 10p + 10p + 1p + 1p + 1p + 1p = \underline{74} p$$



Work out the total of the coins below:

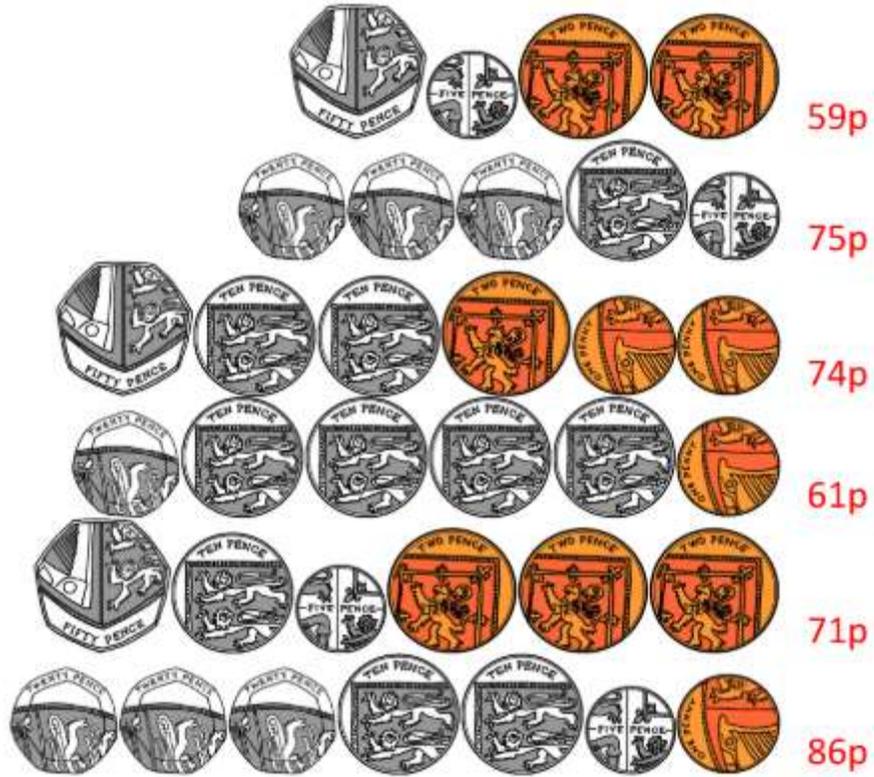
$$10p + 10p + 10p + 1p = \underline{31} p$$

$$20p + 10p + 5p + 5p + 2p = \underline{42} p$$

$$20p + 10p + 5p + 5p + 1p = \underline{41} p$$

$$20p + 5p + 5p + 5p + 2p = \underline{37} p$$

# SKILL 2 ANSWERS



59p

75p

74p

61p

71p

86p

Work out the total of the coins below:

$50p + 20p + 10p + 5p = 85p$

$20p + 20p + 5p + 5p + 2p = 52p$

$50p + 10p + 5p + 2p + 2p = 69p$

$20p + 20p + 20p + 10p = 70p$

Newton 	Symbol	Quadra 
 <u>£2.05</u>	<	 <u>£2.10</u>
 <u>£1.55</u>	>	 <u>£1.20</u>
 <u>£2.10</u>	=	 <u>£2.10</u>
 <u>£4.10</u>	>	 <u>£2.55</u>
 <u>£2.15</u>	<	 <u>£2.20</u>

**SKILL 3 TO GIVE THE  
CORRECT AMOUNT AND  
FIND THE CHANGE**



# SKILL 3 QUESTIONS FOR EVERYONE

See if you can answer these questions for everyone. The answers are on the next slide:

1. If I buy some sweets costing 7p from one shop and some costing £6p from another how much do I have to pay altogether?
2. If I pay for my 7p sweets with a 10p coin how much change will I get?
3. If I buy a chocolate bar for 60p and pay with a pound coin, what change will I get?
4. If I buy some stationary for £2.80 and pay with a five pound note what change will I get?
5. What notes and coins could I pay with to make exactly £35.24?

# SKILL 3 ANSWERS FOR EVERYONE

1. 13p
2. 3p
3. 40p
4. £2.20
5. Any combination that makes £35.24 (there are lots). The most obvious is a £20 note, a £10 pound note, a £5 pound note, a 20p coin and 2 2p coins,

If you got any of these wrong work on this skill. Explanations are on the slides.

If you have forgotten how to convert between pounds and pence or write pounds and pence and didn't do the previous skill, have a look at this page and do the activities there:

[HTTPS://WWW.BBC.CO.UK/BITESIZE/ARTICLES/ZNF4KMN](https://www.bbc.co.uk/bitesize/articles/znf4kmn)

Note you only need to watch the first 55 seconds of the second video and they are using the wrong pound coin in the videos – we now have a two tone one like the one you will see in these slides.

# SKILL 3 ACTIVITIES

If you are now happy with the answers to all those questions go on to Skill 4. If you think this is the stage you need to keep working on try these activities:

Have a look at this page  
and do the activities.

<https://www.bbc.co.uk/bitesize/articles/zkwfvk7>

Then try these questions.  
You could use coins to  
help you.

1)  $16p + 35p =$  \_\_\_\_\_

2)  $5p + 19p =$  \_\_\_\_\_

3)  $22p + 11p =$  \_\_\_\_\_

4)  $36p + 47p =$  \_\_\_\_\_

5)  $15p + 11p =$  \_\_\_\_\_

6)  $47p + 35p =$  \_\_\_\_\_

7)  $5p + 29p =$  \_\_\_\_\_

8)  $16p + 30p =$  \_\_\_\_\_

9)  $21p + 16p =$  \_\_\_\_\_

10)  $25p + 13p =$  \_\_\_\_\_

11)  $48p + 50p =$  \_\_\_\_\_

12)  $18p + 47p =$  \_\_\_\_\_

13)  $35p + 39p =$  \_\_\_\_\_

14)  $43p + 40p =$  \_\_\_\_\_

15)  $31p + 41p =$  \_\_\_\_\_

# SKILL 3 ACTIVITIES

Have a look at this page and do the activities on it.

<https://www.bbc.co.uk/bitesize/articles/z6htpg8>

Then have a go at the activities on the next few slides.

Count the coins and write the change for each purchase.

1)	 6p		_____ p
2)	 52p		_____ p
3)	 16p		_____ p
4)	 63p		_____ p
5)	 27p		_____ p
6)	 11p		_____ p
7)	 31p		_____ p

# SKILL 3 ACTIVITIES

Which of the coins in the box would you get in change after buying the items shown?

No	Amount Paid	Items	Coins received in change
		     	
1)		 	         
2)		  	         
3)		 	         
4)		 	         
5)		 	         
6)		 	         

# SKILL 3 ACTIVITIES

Write down how many of each coin or note you would need to buy the item. Note you might not need to use all of the different types.

1)	 £85.90									
2)	 £34.42									
3)	 £30.35									
4)	 £190.63									
5)	 £23.16									

# SKILL 3 ACTIVITIES

Have a go at this game to practise giving money and getting change. You can choose which level you think you need to play at.

<https://www.topmarks.co.uk/money/toy-shop-money>

# SKILL 3 ANSWERS

1)  $16p + 35p = 51p$

2)  $5p + 19p = 24p$

3)  $22p + 11p = 33p$

4)  $36p + 47p = 83p$

5)  $15p + 11p = 26p$

6)  $47p + 35p = 82p$

7)  $5p + 29p = 34p$

8)  $16p + 30p = 46p$

9)  $21p + 16p = 37p$

10)  $25p + 13p = 38p$

11)  $48p + 50p = 98p$

12)  $18p + 47p = 65p$

13)  $35p + 39p = 74p$

14)  $43p + 40p = 83p$

15)  $31p + 41p = 72p$

# SKILL 3 ANSWERS

1)	 6p		<u>  1  </u> p
2)	 52p		<u>  3  </u> p
3)	 16p		<u>  4  </u> p
4)	 63p		<u>  2  </u> p
5)	 27p		<u>  3  </u> p
6)	 11p		<u>  1  </u> p
7)	 31p		<u>  4  </u> p

The pinkish coins are the ones you should have chosen:

No	Amount Paid	Items	Coins received in change
1)			
2)			
3)			
4)			
5)			
6)			

# SKILL 3 ANSWERS

1)  £85.90	 1	 3	 1	 1	 2
2)  £34.42	 3	 0	 2	 2	 1
3)  £30.35	 1	 1	 1	 1	 5
4)  £190.63	 3	 2	 1	 2	 3
5)  £23.16	 2	 0	 3	 1	 3

# SKILL 4 TO ADD AND SUBTRACT MONEY USING THE COLUMN METHOD



# SKILL 4 QUESTIONS FOR EVERYONE

See if you can answer these questions for everyone. The answers are on the next slide:

1. What is the total of £2.67 and £1.35?

2. What change do I get from £7.50 if I spend £7.13?

3. What is the sum of £5.47 and £3.93?

4. What is the difference between £3.92 and £2.18?

5.  $£10.87 - £4.95 =$

# SKILL 4 ANSWERS FOR EVERYONE

1. £4.02
2. £0.37 or 37p
3. £9.40
4. £1.74
5. £5.92

For larger amounts of money it is sometimes easier to use column method to do the calculation rather than count on or back.

These pages show you how:

Addition:

<https://www.youtube.com/watch?v=Cy-1zN8TgsA>

Subtraction:

<https://www.youtube.com/watch?v=LFTacpTEsMc>

# SKILL 4 ACTIVITIES

Use the column method to calculate the total amount of money for each question.

$$\begin{array}{r} 1) \quad \pounds 9.70 \\ + \pounds 3.33 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad \pounds 4.55 \\ + \pounds 7.60 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad \pounds 6.78 \\ + \pounds 0.40 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad \pounds 4.94 \\ + \pounds 4.48 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad \pounds 1.74 \\ + \pounds 0.29 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad \pounds 5.00 \\ + \pounds 9.28 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad \pounds 7.89 \\ + \pounds 2.29 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad \pounds 4.84 \\ + \pounds 8.03 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad \pounds 5.43 \\ + \pounds 3.72 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad \pounds 7.76 \\ + \pounds 0.68 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad \pounds 6.63 \\ + \pounds 7.12 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad \pounds 8.06 \\ + \pounds 9.14 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad \pounds 8.67 \\ + \pounds 0.31 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad \pounds 2.43 \\ + \pounds 1.95 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad \pounds 3.29 \\ + \pounds 4.59 \\ \hline \end{array}$$

# SKILL 4 ACTIVITIES

Use the column method to calculate the total amount of money for each question.

$$\begin{array}{r} 1) \quad \pounds 64.43 \\ + \pounds 2.19 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad \pounds 83.93 \\ + \pounds 82.52 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad \pounds 49.87 \\ + \pounds 64.03 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad \pounds 77.15 \\ + \pounds 14.63 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad \pounds 62.08 \\ + \pounds 89.99 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad \pounds 53.62 \\ + \pounds 99.49 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad \pounds 75.84 \\ + \pounds 14.66 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad \pounds 31.43 \\ + \pounds 91.98 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad \pounds 70.96 \\ + \pounds 90.01 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad \pounds 70.52 \\ + \pounds 52.86 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad \pounds 58.15 \\ + \pounds 89.79 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad \pounds 20.64 \\ + \pounds 24.57 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad \pounds 50.83 \\ + \pounds 16.12 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad \pounds 71.66 \\ + \pounds 10.81 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad \pounds 45.84 \\ + \pounds 69.14 \\ \hline \end{array}$$

# SKILL 4 ACTIVITIES

Remember you don't have to do them all today – you have all week.

Work out the difference between the two amounts using column subtraction.

$$\begin{array}{r} 1) \quad £7.61 \\ - \quad £1.46 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad £9.76 \\ - \quad £7.81 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad £7.44 \\ - \quad £7.05 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad £8.23 \\ - \quad £5.71 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad £5.22 \\ - \quad £1.73 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad £9.56 \\ - \quad £3.02 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad £6.50 \\ - \quad £1.00 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad £9.55 \\ - \quad £2.22 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad £9.86 \\ - \quad £1.72 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad £7.73 \\ - \quad £4.88 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad £9.91 \\ - \quad £7.90 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad £9.02 \\ - \quad £2.65 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad £6.88 \\ - \quad £1.46 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad £9.21 \\ - \quad £5.59 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad £8.08 \\ - \quad £3.14 \\ \hline \end{array}$$

# SKILL 4 ACTIVITIES

Work out the difference between the two amounts using column subtraction.

$$\begin{array}{r} 1) \quad \pounds 69.08 \\ - \pounds 2.07 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad \pounds 91.29 \\ - \pounds 29.89 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad \pounds 41.45 \\ - \pounds 3.54 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad \pounds 67.83 \\ - \pounds 58.64 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad \pounds 35.34 \\ - \pounds 29.64 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad \pounds 52.69 \\ - \pounds 27.92 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad \pounds 91.26 \\ - \pounds 43.29 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad \pounds 44.76 \\ - \pounds 29.68 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad \pounds 46.35 \\ - \pounds 14.46 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad \pounds 70.44 \\ - \pounds 48.82 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad \pounds 41.01 \\ - \pounds 7.82 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad \pounds 90.18 \\ - \pounds 11.97 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad \pounds 89.63 \\ - \pounds 81.70 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad \pounds 87.44 \\ - \pounds 50.11 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad \pounds 64.88 \\ - \pounds 28.30 \\ \hline \end{array}$$

# SKILL 4 ACTIVITIES

Use column addition and subtraction to do these money sums. Make sure you set out your sum carefully with the decimal point lined up and use the right operation!

1)  $£75.06 - £4.68 = \underline{\hspace{2cm}}$

2)  $£78.26 - £58.77 = \underline{\hspace{2cm}}$

3)  $£79.86 + £91.94 = \underline{\hspace{2cm}}$

4)  $£89.41 + £81.52 = \underline{\hspace{2cm}}$

5)  $£97.43 - £95.58 = \underline{\hspace{2cm}}$

6)  $£89.94 + £27.45 = \underline{\hspace{2cm}}$

7)  $£68 + £29.87 = \underline{\hspace{2cm}}$

8)  $£90.97 - £36.88 = \underline{\hspace{2cm}}$

9)  $£83.21 - £79.30 = \underline{\hspace{2cm}}$

10)  $£30.22 + £88.39 = \underline{\hspace{2cm}}$

11)  $£62.65 + £71.42 = \underline{\hspace{2cm}}$

12)  $£61.42 - £52.67 = \underline{\hspace{2cm}}$

13)  $£64.75 - £19.14 = \underline{\hspace{2cm}}$

14)  $£93.56 + £31.21 = \underline{\hspace{2cm}}$

15)  $£70.70 - £27.28 = \underline{\hspace{2cm}}$

# SKILL 4 ANSWERS

$$\begin{array}{r} 1) \quad \pounds 9.70 \\ + \pounds 3.33 \\ \hline \pounds 13.03 \end{array}$$

$$\begin{array}{r} 2) \quad \pounds 4.55 \\ + \pounds 7.60 \\ \hline \pounds 12.15 \end{array}$$

$$\begin{array}{r} 3) \quad \pounds 6.78 \\ + \pounds 0.40 \\ \hline \pounds 7.18 \end{array}$$

$$\begin{array}{r} 4) \quad \pounds 4.94 \\ + \pounds 4.48 \\ \hline \pounds 9.42 \end{array}$$

$$\begin{array}{r} 5) \quad \pounds 1.74 \\ + \pounds 0.29 \\ \hline \pounds 2.03 \end{array}$$

$$\begin{array}{r} 6) \quad \pounds 5.00 \\ + \pounds 9.28 \\ \hline \pounds 14.28 \end{array}$$

$$\begin{array}{r} 7) \quad \pounds 7.89 \\ + \pounds 2.29 \\ \hline \pounds 10.18 \end{array}$$

$$\begin{array}{r} 8) \quad \pounds 4.84 \\ + \pounds 8.03 \\ \hline \pounds 12.87 \end{array}$$

$$\begin{array}{r} 9) \quad \pounds 5.43 \\ + \pounds 3.72 \\ \hline \pounds 9.15 \end{array}$$

$$\begin{array}{r} 10) \quad \pounds 7.76 \\ + \pounds 0.68 \\ \hline \pounds 8.44 \end{array}$$

$$\begin{array}{r} 11) \quad \pounds 6.63 \\ + \pounds 7.12 \\ \hline \pounds 13.75 \end{array}$$

$$\begin{array}{r} 12) \quad \pounds 8.06 \\ + \pounds 9.14 \\ \hline \pounds 17.20 \end{array}$$

$$\begin{array}{r} 13) \quad \pounds 8.67 \\ + \pounds 0.31 \\ \hline \pounds 8.98 \end{array}$$

$$\begin{array}{r} 14) \quad \pounds 2.43 \\ + \pounds 1.95 \\ \hline \pounds 4.38 \end{array}$$

$$\begin{array}{r} 15) \quad \pounds 3.29 \\ + \pounds 4.59 \\ \hline \pounds 7.88 \end{array}$$

# SKILL 4 ANSWERS

$$\begin{array}{r} 1) \quad \text{£}64.43 \\ + \text{£} 2.19 \\ \hline \text{£}66.62 \end{array}$$

$$\begin{array}{r} 2) \quad \text{£}83.93 \\ + \text{£}82.52 \\ \hline \text{£}166.45 \end{array}$$

$$\begin{array}{r} 3) \quad \text{£}49.87 \\ + \text{£}64.03 \\ \hline \text{£}113.90 \end{array}$$

$$\begin{array}{r} 4) \quad \text{£}77.15 \\ + \text{£}14.63 \\ \hline \text{£}91.78 \end{array}$$

$$\begin{array}{r} 5) \quad \text{£}62.08 \\ + \text{£}89.99 \\ \hline \text{£}152.07 \end{array}$$

$$\begin{array}{r} 6) \quad \text{£}53.62 \\ + \text{£}99.49 \\ \hline \text{£}153.11 \end{array}$$

$$\begin{array}{r} 7) \quad \text{£}75.84 \\ + \text{£}14.66 \\ \hline \text{£}90.50 \end{array}$$

$$\begin{array}{r} 8) \quad \text{£}31.43 \\ + \text{£}91.98 \\ \hline \text{£}123.41 \end{array}$$

$$\begin{array}{r} 9) \quad \text{£}70.96 \\ + \text{£}90.01 \\ \hline \text{£}160.97 \end{array}$$

$$\begin{array}{r} 10) \quad \text{£}70.52 \\ + \text{£}52.86 \\ \hline \text{£}123.38 \end{array}$$

$$\begin{array}{r} 11) \quad \text{£}58.15 \\ + \text{£}89.79 \\ \hline \text{£}147.94 \end{array}$$

$$\begin{array}{r} 12) \quad \text{£}20.64 \\ + \text{£}24.57 \\ \hline \text{£}45.21 \end{array}$$

$$\begin{array}{r} 13) \quad \text{£}50.83 \\ + \text{£}16.12 \\ \hline \text{£}66.95 \end{array}$$

$$\begin{array}{r} 14) \quad \text{£}71.66 \\ + \text{£}10.81 \\ \hline \text{£}82.47 \end{array}$$

$$\begin{array}{r} 15) \quad \text{£}45.84 \\ + \text{£}69.14 \\ \hline \text{£}114.98 \end{array}$$

# SKILL 4 ANSWERS

$$\begin{array}{r} 1) \quad £7.61 \\ - \quad £1.46 \\ \hline \quad \quad £6.15 \end{array}$$

$$\begin{array}{r} 2) \quad £9.76 \\ - \quad £7.81 \\ \hline \quad \quad £1.95 \end{array}$$

$$\begin{array}{r} 3) \quad £7.44 \\ - \quad £7.05 \\ \hline \quad \quad £0.39 \end{array}$$

$$\begin{array}{r} 4) \quad £8.23 \\ - \quad £5.71 \\ \hline \quad \quad £2.52 \end{array}$$

$$\begin{array}{r} 5) \quad £5.22 \\ - \quad £1.73 \\ \hline \quad \quad £3.49 \end{array}$$

$$\begin{array}{r} 6) \quad £9.56 \\ - \quad £3.02 \\ \hline \quad \quad £6.54 \end{array}$$

$$\begin{array}{r} 7) \quad £6.50 \\ - \quad £1.00 \\ \hline \quad \quad £5.50 \end{array}$$

$$\begin{array}{r} 8) \quad £9.55 \\ - \quad £2.22 \\ \hline \quad \quad £7.33 \end{array}$$

$$\begin{array}{r} 9) \quad £9.86 \\ - \quad £1.72 \\ \hline \quad \quad £8.14 \end{array}$$

$$\begin{array}{r} 10) \quad £7.73 \\ - \quad £4.88 \\ \hline \quad \quad £2.85 \end{array}$$

$$\begin{array}{r} 11) \quad £9.91 \\ - \quad £7.90 \\ \hline \quad \quad £2.01 \end{array}$$

$$\begin{array}{r} 12) \quad £9.02 \\ - \quad £2.65 \\ \hline \quad \quad £6.37 \end{array}$$

$$\begin{array}{r} 13) \quad £6.88 \\ - \quad £1.46 \\ \hline \quad \quad £5.42 \end{array}$$

$$\begin{array}{r} 14) \quad £9.21 \\ - \quad £5.59 \\ \hline \quad \quad £3.62 \end{array}$$

$$\begin{array}{r} 15) \quad £8.08 \\ - \quad £3.14 \\ \hline \quad \quad £4.94 \end{array}$$

# SKILL 4 ANSWERS

$$\begin{array}{r} 1) \quad \pounds 69.08 \\ - \pounds 2.07 \\ \hline \pounds 67.01 \end{array}$$

$$\begin{array}{r} 2) \quad \pounds 91.29 \\ - \pounds 29.89 \\ \hline \pounds 61.40 \end{array}$$

$$\begin{array}{r} 3) \quad \pounds 41.45 \\ - \pounds 3.54 \\ \hline \pounds 37.91 \end{array}$$

$$\begin{array}{r} 4) \quad \pounds 67.83 \\ - \pounds 58.64 \\ \hline \pounds 9.19 \end{array}$$

$$\begin{array}{r} 5) \quad \pounds 35.34 \\ - \pounds 29.64 \\ \hline \pounds 5.70 \end{array}$$

$$\begin{array}{r} 6) \quad \pounds 52.69 \\ - \pounds 27.92 \\ \hline \pounds 24.77 \end{array}$$

$$\begin{array}{r} 7) \quad \pounds 91.26 \\ - \pounds 43.29 \\ \hline \pounds 47.97 \end{array}$$

$$\begin{array}{r} 8) \quad \pounds 44.76 \\ - \pounds 29.68 \\ \hline \pounds 15.08 \end{array}$$

$$\begin{array}{r} 9) \quad \pounds 46.35 \\ - \pounds 14.46 \\ \hline \pounds 31.89 \end{array}$$

$$\begin{array}{r} 10) \quad \pounds 70.44 \\ - \pounds 48.82 \\ \hline \pounds 21.62 \end{array}$$

$$\begin{array}{r} 11) \quad \pounds 41.01 \\ - \pounds 7.82 \\ \hline \pounds 33.19 \end{array}$$

$$\begin{array}{r} 12) \quad \pounds 90.18 \\ - \pounds 11.97 \\ \hline \pounds 78.21 \end{array}$$

$$\begin{array}{r} 13) \quad \pounds 89.63 \\ - \pounds 81.70 \\ \hline \pounds 7.93 \end{array}$$

$$\begin{array}{r} 14) \quad \pounds 87.44 \\ - \pounds 50.11 \\ \hline \pounds 37.33 \end{array}$$

$$\begin{array}{r} 15) \quad \pounds 64.88 \\ - \pounds 28.30 \\ \hline \pounds 36.58 \end{array}$$

# SKILL 4 ANSWERS

1)  $£75.06 - £4.68 = £70.38$

2)  $£78.26 - £58.77 = £19.49$

3)  $£79.86 + £91.94 = £171.80$

4)  $£89.41 + £81.52 = £170.93$

5)  $£97.43 - £95.58 = £1.85$

6)  $£89.94 + £27.45 = £117.39$

7)  $£68 + £29.87 = £97.87$

8)  $£90.97 - £36.88 = £54.09$

9)  $£83.21 - £79.30 = £3.91$

10)  $£30.22 + £88.39 = £118.61$

11)  $£62.65 + £71.42 = £134.07$

12)  $£61.42 - £52.67 = £8.75$

13)  $£64.75 - £19.14 = £45.61$

14)  $£93.56 + £31.21 = £124.77$

15)  $£70.70 - £27.28 = £43.42$

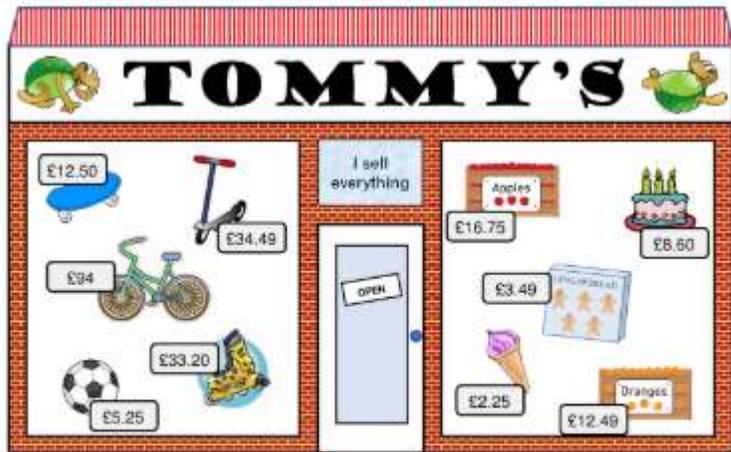
# SKILL 5 TO SOLVE MONEY PROBLEMS



# SKILL 5 QUESTIONS FOR EVERYONE

If you have got to this skill you are obviously pretty confident with money. The following slides have some problem solving questions that will use all your money knowledge. Remember when solving problems we think about what we know and work towards what we don't know yet. You might need lots and trial and error and jotting things down for some of them but persevere and you will get there. If you can't get them yet you might need to go back and practise some of your other skills some more so you are more confident.

# SKILL 5 ACTIVITIES



The Maths Rats are going shopping. Please help them to work out how much change they will get.

- Multi has £20 to spend. He buys a skateboard and a packet of gingerbread. How much change does he get?
- Addy has £50 to spend. He buys roller-skates and a cake. How much change does he get?
- Subby has £140 to spend. He buys a bike and a scooter. How much change does he get?
- Divvy has £25 to spend. He buys a crate of apples and an ice cream. How much change does he get?
- Subby uses his change from question 3 to buy a football. How much change does he have left now?



Tommy is planning to go shopping at Addy's Garden Centre every day this week. Please help him to work out how much change he will get each day.

- On Monday Tommy has £220 to spend. He buys a lawnmower and a packet of seeds. How much change does he get?
- Using his change from Monday, on Tuesday morning Tommy buys a pair of shears and a hanging basket. How much change does he get?
- On Wednesday Tommy uses the change from Tuesday to buy a set of plant pots and a pot of flowers. How much change does he get?
- Tommy uses his change from Wednesday to buy a fork and trowel and a watering can on Thursday. How much change does he get?
- With his change from Thursday, Tommy makes a final trip to Addy's Garden Centre on Friday and buys a pair of gloves. How much change does he have left?

# SKILL 5 ACTIVITIES

1. I have £250 to spend.

I am going to buy a trampoline for £169 and a cover for it which costs £39. How much change will I get?

2. I have £30 to spend on a present for my sister.

I am going to buy some soft dough for £8.45 and some modelling tools for £12.35. How much change will I get?

3. Mum and Dad have been saving up and have £400 to spend.

Dad is going to buy a laptop for £279.50 and a cordless mouse for £14. How much change will he get?

4. Sally has £25 to spend.

She is going to buy a microphone for £14.75 and a stand for £7.15. How much change will she get?

5. We won £500 on the lottery.

We are going to buy a tent for £348.50 and an airbed for £45.50. How much change will we get?

6. Granny has given me and my brother £60.

We have decided to buy a sandpit for £49.99 and some sand for £5.00. How much change will we get?

1. We have £200 to spend on a present for our dad.

We are going to buy him a drum kit for £139 and a stool for £24. How much change will we get?

2. I have won £55 to spend on sports equipment.

I am going to buy two tennis rackets for £41.30 and a tin of tennis balls for £5.49. How much change will I get?

3. Mr and Mrs Oliphant have £75 to spend.

They are going to buy a barbecue for £44.99 and some charcoal for £13.49. How much change will they get?

4. Our TV broke and we have saved £700 to spend on a new one.

We are going to buy a TV for £549 and a recorder for £135. How much change will we get?

5. I have saved up £30.

I am going to buy a Wendy house for £15.35 and a play tunnel for £12.50. How much change will I get?

6. Charlie has got £40 to spend.

He is going to buy a board game for £20.50 and a jigsaw for £12.99. How much change will he get?

# SKILL 5 ACTIVITIES



Tyger has a 20p coin, a 10p coin, a 5p coin, a 2p coin and a 1p coin in his purse.

He takes out 3 coins from his purse and hides them under a stone.

He asks his friends to guess how much money is hidden under the stone.

*Captain Salamander guesses 7p.*

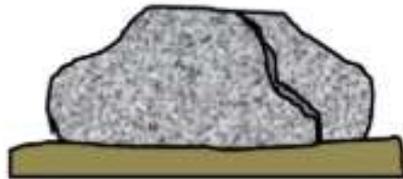
*Newton guesses 26p.*

*Frazer guesses 20p.*

*Sally guesses 35p.*

- Which guesses could be correct?
- What other amounts of money could be under the stone?

*See if you can find all 10 possibilities.*



Tyger, Captain and Frazer have three 10p coins, three 5p coins and three 1p coins which they share between them.



Each of them ends up with 3 coins but not the same amount of money.

Frazer ends up with the most money.

Captain ends up with a penny less than Frazer.

Tyger ends up with 13 pence less than Captain.

Can you work out how much each of them got, and which coins they ended up with?

# SKILL 5 ACTIVITIES



Use the same coins (above) for both challenges.

## CHALLENGE A

Put the coins above in a row so that:

- the first two coins add up to 12 pence;
- the copper coins are at the start and end of the row;
- the last 2 coins add up to 6 pence.

## CHALLENGE B

Put the coins above in a row so that:

- the first coin is not a penny;
- the 2p coins is between the two silver coins;
- the first and last coins add up to 6 pence.

To complete this challenge, you need to use four ten pence coins and a 3 pennies.



			12p
			21p
			21p
30p	21p	3p	

In each square you need to place a 10p coins or a penny so that the total at the end of each row or column is correct.

To complete this challenge, you need to use 1 twenty pence coin, 2 ten pence coins, 2 five pence coins and 2 pennies.



			21p
			31p
			30p
31p	16p	35p	

In each square you need to place a coin so that the total at the end of each row or column is correct.



# SKILL 5 ACTIVITIES

What combinations of coins could solve these riddles?

## CHALLENGE A

- I am more than 10 pence.
- I am less than 20 pence.
- I have fewer than 3 coins.
- I make an even number of pence.

## CHALLENGE C

- I am more than 20 pence.
- All my coins are the same color.
- All of my coins have the same value.
- I am less than 50 pence.

## CHALLENGE B

- My coins do not all have the same value.
- I am more than 15 pence.
- All my coins are the same colour.
- I make an odd number of pence.

Who am I?

## Challenge D

- I am worth less than half of a pound.
- I make an even number of pence.
- I am worth more than 20 pence.
- My coins do not all have the same value.

Who am I?

**Can you make some riddles of your own?**

# SKILL 5 ANSWERS

ANSWERS:

Page 1.

1. £4.01      2. £8.20      3. £11.51      4. £6.00      5. £6.26

ANSWERS:

Page 1.

1. £127.01      2. £72.02      3. £49.77      4. £22.27      5. £17.28

# SKILL 5 ANSWERS

## Answers:

Page 1

1. £42

2. £9.20

3. £106.50

4. £3.10

5. £106

6. £5.01

Page 2

1. £37

2. £8.21

3. £16.52

4. £16

5. £2.15

6. £6.51

# SKILL 5 ANSWERS

- Newton's and Sally's guesses could be correct.
- The possibilities are:

Coins	Totals
	<u>35p</u>
	<u>32p</u>
	<u>31p</u>
	<u>27p</u>
	<u>26p</u>
	<u>23p</u>
	<u>17p</u>
	<u>16p</u>
	<u>13p</u>
	<u>8p</u>

Salamander	Coins	Amount
		<u>21p</u>
		<u>20p</u>
		<u>7p</u>

# SKILL 5 ANSWERS

## CHALLENGE A ANSWER



## CHALLENGE B ANSWER



			12p
			21p
			21p
30p	21p	3p	

			21p
			31p
			30p
31p	16p	35p	

# SKILL 5 ANSWERS

**Challenge A: 12p**

**Challenge B: One example is 25p. How many more did you find?**

**Challenge C: 40p**

**Challenge D: 26p**