

The background features abstract green geometric shapes. On the left, a long, thin green triangle points downwards. On the right, a complex arrangement of overlapping green triangles and polygons in various shades of green (from light lime to dark forest green) creates a layered, architectural effect. A thin white line runs diagonally across the lower right portion of these shapes.

It's Friday!

Counting coins

Introduction

Complete the missing numbers.

0,	2,	4,	6,	<input type="text"/>	,	<input type="text"/>	,	<input type="text"/>	,	<input type="text"/>
0,	5,	10,	15,	<input type="text"/>	,	<input type="text"/>	,	<input type="text"/>	,	<input type="text"/>
0,	10,	20,	30,	<input type="text"/>	,	<input type="text"/>	,	<input type="text"/>	,	<input type="text"/>
10,	12,	14,	16,	<input type="text"/>	,	<input type="text"/>	,	<input type="text"/>	,	<input type="text"/>
15,	20,	25,	30,	<input type="text"/>	,	<input type="text"/>	,	<input type="text"/>	,	<input type="text"/>
20,	30,	40,	50,	<input type="text"/>	,	<input type="text"/>	,	<input type="text"/>	,	<input type="text"/>

Introduction

Complete the missing numbers.

0,	2,	4,	6,	8	,	10	,	12	,	14
0,	5,	10,	15,	20	,	25	,	30	,	35
0,	10,	20,	30,	40	,	50	,	60	,	70
10,	12,	14,	16,	18	,	20	,	22	,	24
15,	20,	25,	30,	35	,	40	,	45	,	50
20,	30,	40,	50,	60	,	70	,	80	,	90

Varied Fluency 1

How much is there altogether?

=



=



=



Varied Fluency 1

How much is there altogether?

12p

=



7p

=



35p

=



Varied Fluency 2

The amount is 22p. True or false?



Varied Fluency 2

The amount is 22p. True or false?



False. There is 24p altogether.

Varied Fluency 3

Which group of coins is worth the most?



A



B

Varied Fluency 3

Which group of coins is worth the most?



A



B

B is worth the most.

Varied Fluency 4

Which is the odd one out?



A



B



C

Varied Fluency 4

Which is the odd one out?



A



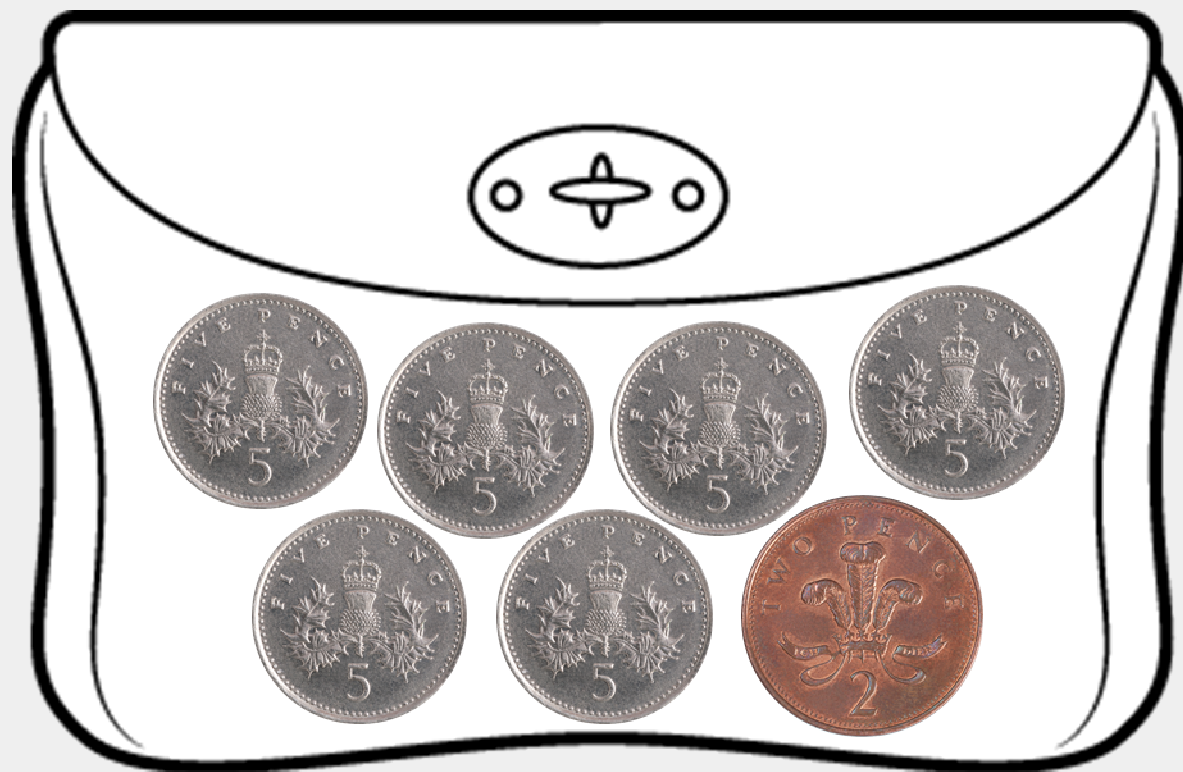
B



C

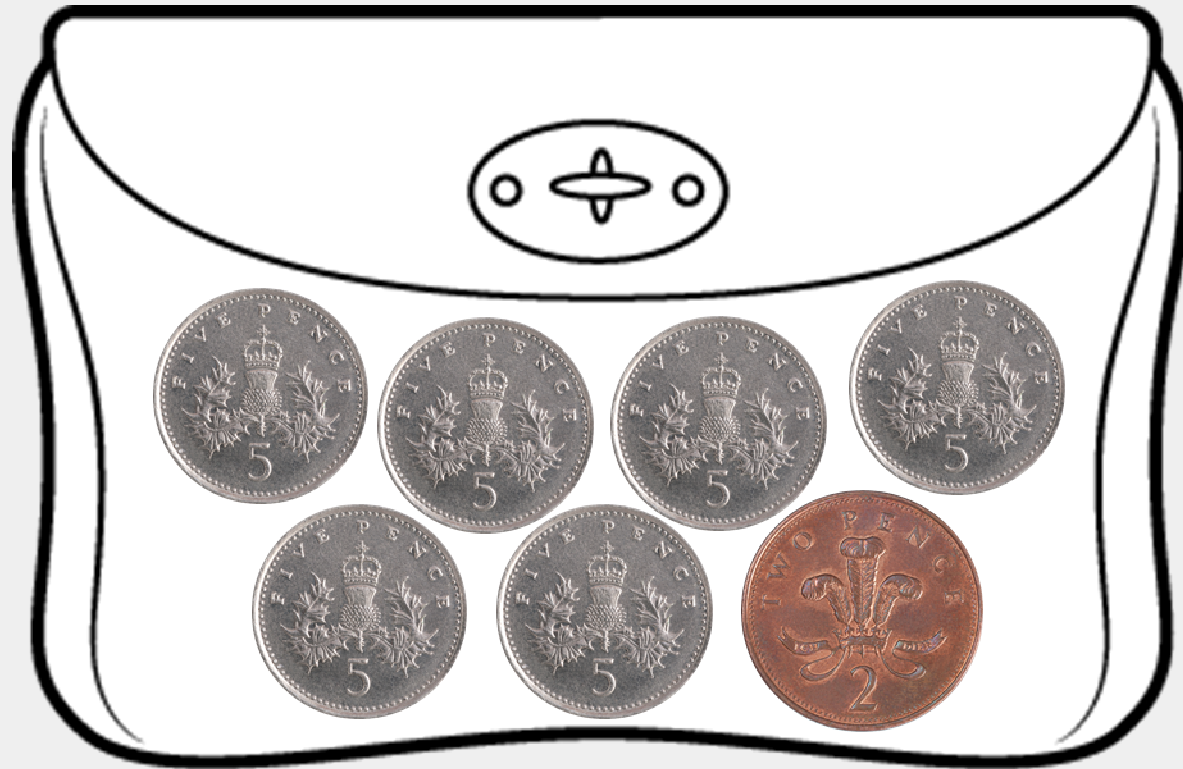
Reasoning 1

Jamie thinks he has 27p in his purse. Is he correct? Prove it.



Reasoning 1

Jamie thinks he has 27p in his purse. Is he correct? Prove it.



Jamie is not correct because $5p + 5p + 5p + 5p + 5p + 5p + 2p = 32p$

Problem Solving 1

Circle the coins needed to buy the onion.

16p



Problem Solving 1

Circle the coins needed to buy the onion.

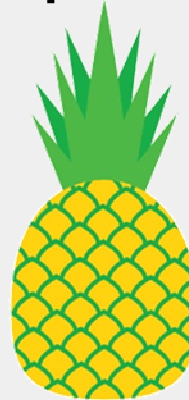
16p



Reasoning 2

Freddie want to buy a pineapple.

47p

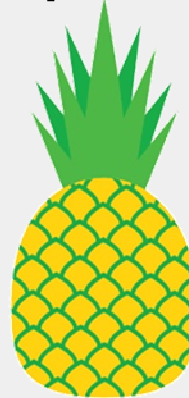


Does he have enough money? Explain your answer.

Reasoning 2

Freddie want to buy a pineapple.

47p



Does he have enough money? Explain your answer.

He does not have enough money because

$$10p + 10p + 10p + 10p + 2p + 2p + 2p = 46p.$$

He needs 1p more.

Challenge time!

This is Abigail.



This is Elijah.



This is Jemima.



They all work in a bank. Customers come into the bank. They pay in or take out money from their bank accounts. Abigail, Elijah and Jemima have to check the money. They do this by recognising and counting coins and notes. Today, they need your help.

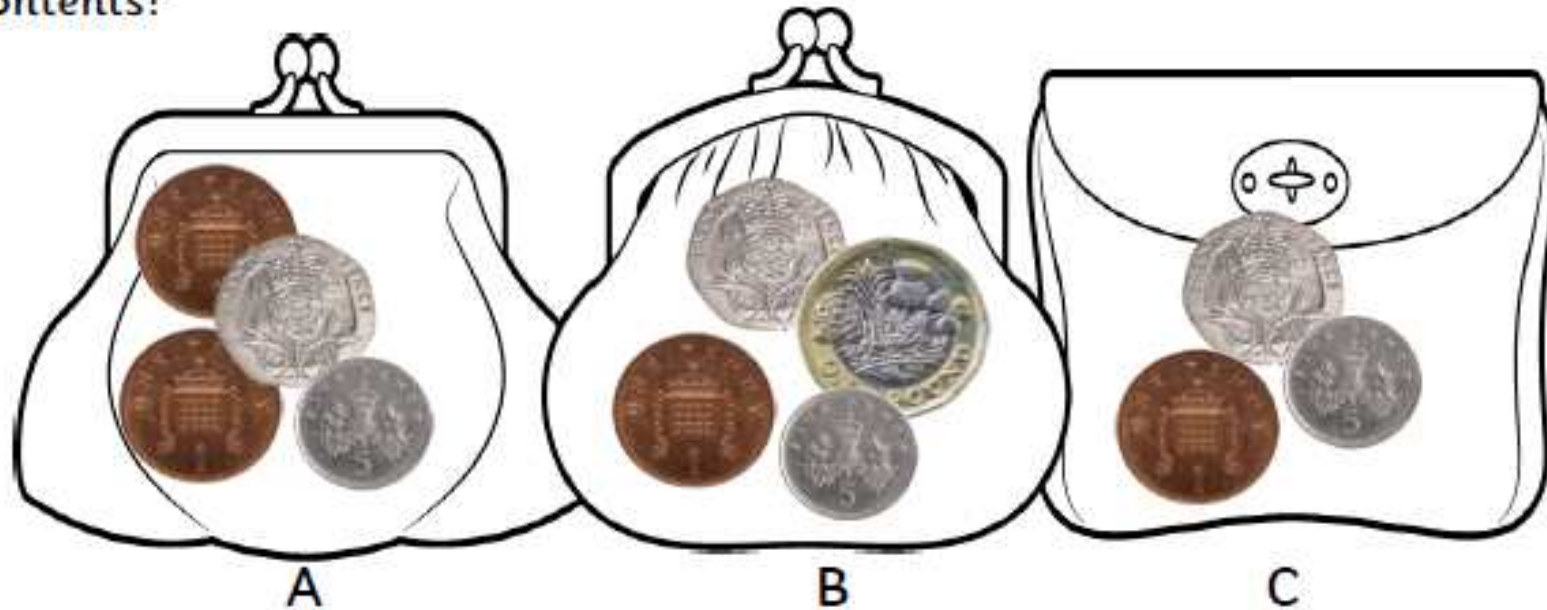
1. Jemima says:

Coins with straight edges are worth more than coins with round edges.



Is Jemima right? Explain your answer.

2. Three purses are handed into the bank. What is different about their contents?



3. A shopkeeper comes into the bank. He needs to change a £1 coin. The bank only has 50ps and 10ps left.

Which coins could the bank give the shopkeeper?



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