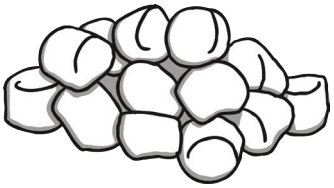
Baking Biscuits

Class One are baking biscuits. They need to pay for any toppings they want and can have as many of each topping as they like.

chocolate chips	cherries	jam	marshmallows
			
1p	2p	3p	4p

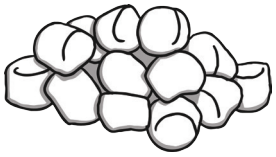
Zack has 15p. He buys one topping. How much money might he have left?

Minnie has 10p. She spends all her money.

What toppings might she have bought?

Find 4 different solutions.

Cut out the pictures of the toppings to help you if necessary.

chocolate chips  1p	chocolate chips  1p	chocolate chips  1p	chocolate chips  1p	cherries  2p	cherries  2p
cherries  2p	cherries  2p	jam  3p	jam  3p	jam  3p	jam  3p
marshmallows  4p	marshmallows  4p	marshmallows  4p	marshmallows  4p		

Baking Biscuits **Answers**

1. Zack has 15p. He buys one topping. How much money might he have left?
   Zack might have 11p (marshmallows), 12p (jam), 13p (cherries) or 14p (chocolate chips).

2. Minnie has 10p. She spends all her money.
   What toppings might she have bought?
   Find 4 different solutions.

   Minnie could buy:

   Marshmallows, jam, cherries and chocolate chips (4p + 3p + 2p + 1p)

   Marshmallows, marshmallows, cherries (4p + 4p + 2p)

   Marshmallows, marshmallows, chocolate chips, chocolate chips (4p + 4p + 1p + 1p)

   Jam, jam, jam, chocolate chips (3p + 3p + 3p + 1p)

   Jam, jam, marshmallows (3p + 3p + 4p)

   Jam, jam, cherries, cherries (3p + 3p + 2p + 2p)

   Jam, jam, cherries, chocolate chips, chocolate chips (3p + 3p + 2p + 1p + 1p)

   Jam, jam, chocolate chips, chocolate chips, chocolate chips, chocolate chips (3p + 3p + 1p + 1p + 1p + 1p)

   Jam, cherries, cherries, cherries, chocolate chips (3p + 2p + 2p + 2p + 1p)

   Jam, cherries, chocolate chips, chocolate chips, chocolate chips, chocolate chips, chocolate chips (3p + 2p + 1p + 1p + 1p + 1p + 1p)

   10 × chocolate chips

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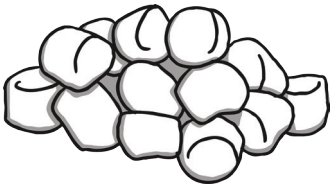
chocolate chips	cherries	jam	marshmallows
			
1p	2p	3p	4p

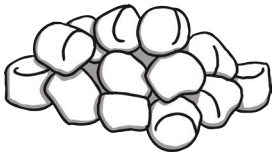
Zack has 18p. He buys one topping. How much money might he have left?

Minnie has 10p. She spends all her money.

What toppings might she have bought?

How many different solutions can you find?

Cut out the pictures of the toppings to help you if necessary.

chocolate chips  1p	chocolate chips  1p	chocolate chips  1p	chocolate chips  1p	cherries  2p	cherries  2p
cherries  2p	cherries  2p	jam  3p	jam  3p	jam  3p	jam  3p
marshmallows  4p	marshmallows  4p	marshmallows  4p	marshmallows  4p		

Baking Biscuits **Answers**

1. Zack has 18p. He buys one topping. How much money might he have left?
   Zack might have 14p (marshmallows), 15p (jam), 16p (cherries) or 17p (chocolate chips).
2. Minnie has 10p. She spends all her money.
   What toppings might she have bought?
   How many different solutions can you find?

   Minnie could buy:

   Marshmallows, jam, cherries and chocolate chips (4p + 3p + 2p + 1p)

   Marshmallows, marshmallows, cherries (4p + 4p + 2p)

   Marshmallows, marshmallows, chocolate chips, chocolate chips (4p + 4p + 1p + 1p)

   Jam, jam, jam, chocolate chips (3p + 3p + 3p + 1p)

   Jam, jam, marshmallows (3p + 3p + 4p)

   Jam, jam, cherries, cherries (3p + 3p + 2p + 2p)

   Jam, jam, cherries, chocolate chips, chocolate chips (3p + 3p + 2p + 1p + 1p)

   Jam, jam, chocolate chips, chocolate chips, chocolate chips, chocolate chips (3p + 3p + 1p + 1p + 1p + 1p)

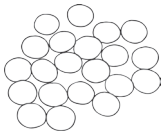
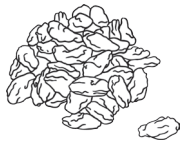
   Jam, cherries, cherries, cherries, chocolate chips (3p + 2p + 2p + 2p + 1p)

   Jam, cherries, chocolate chips, chocolate chips, chocolate chips, chocolate chips, chocolate chips (3p + 2p + 1p + 1p + 1p + 1p + 1p)

   10 × chocolate chips

Baking Biscuits

Class One are baking biscuits. They need to pay for any toppings they want and can have as many of each topping as they like.

chocolate chips	cherries	jam	marshmallows	chocolate sweets	sultanas
					
1p	2p	3p	4p	5p	6p

Zack has 15p. He buys two toppings. How much money might he have left? Find 4 different solutions.

Minnie has 10p. She spends all her money on 3 toppings. What toppings might she have bought?

Baking Biscuits **Answers**

1. Zack has 15p. He buys two toppings. How much money might he have left?
   There are many different solutions, depending on the toppings the children chose.
2. Minnie has 10p. She spends all her money on 3 toppings.
   What toppings might she have bought?

   Minnie might have bought:

   Sultanas, jam and chocolate chips (6p + 3p + 1p)

   Sultanas, cherries, cherries (6p + 2p + 2p)

   Chocolate sweets, marshmallows and chocolate chips (5p + 4p + 1p)

   Chocolate sweets, jam and cherries (5p + 3p + 2p)

   Marshmallows, marshmallows and cherries (4p + 4p + 2p)

   Jam, jam, marshmallows (3p + 3p + 4p)