

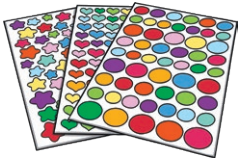


# Party Planning

I can solve multiplication and division problems.



1. Jin is making 5 party bags. How many of each item will he put in each bag? Remember, they need to be exactly the same.



**19 stickers**

In bag \_\_\_\_\_

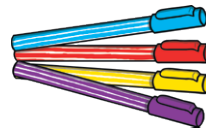
Left over \_\_\_\_\_



**23 sweets**

In bag \_\_\_\_\_

Left over \_\_\_\_\_



**12 felt tips**

In bag \_\_\_\_\_

Left over \_\_\_\_\_



**8 marbles**

In bag \_\_\_\_\_

Left over \_\_\_\_\_

2. There are 10 people at his tea party. How many packets of each item does he need to buy so there is enough for everyone to have 1 of everything?



**2 drinks**

Packs \_\_\_\_\_

Left over \_\_\_\_\_



**8 biscuits**

Packets \_\_\_\_\_

Left over \_\_\_\_\_



**4 cakes**

Packets \_\_\_\_\_

Left over \_\_\_\_\_



**12 paper cups**

Packs \_\_\_\_\_

Left over \_\_\_\_\_

3. Jin might spend his birthday money on building bricks. He has £17. How many boxes of building bricks can he buy?



Boxes: \_\_\_\_\_

4. Or he may spend it on cars. How many cars can he buy?



Cars: \_\_\_\_\_



# Answers

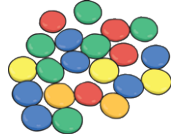
1. Jin is making 5 party bags. How many of each item will he put in each bag? Remember, they need to be exactly the same.



**19 stickers**

In bag   3  

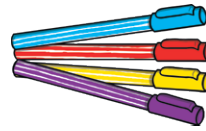
Left over   4  



**23 sweets**

In bag   4  

Left over   3  



**12 felt tips**

In bag   2  

Left over   2  



**8 marbles**

In bag   1  

Left over   3  

2. There are 10 people at his tea party. How many packets of each item does he need to buy so there is enough for everyone to have 1 of everything?



**2 drinks**

Packs   5  

Left over   0  



**8 biscuits**

Packets   2  

Left over   6  



**4 cakes**

Packets   3  

Left over   2  



**12 paper cups**

Packs   1  

Left over   2  

3. Jin might spend his birthday money on building bricks. He has £17. How many boxes of building bricks can he buy?



Boxes:   8  

4. Or he may spend it on cars. How many cars can he buy?



Cars:   3

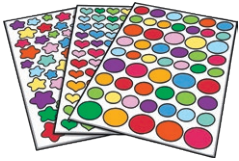


# Party Planning

I can solve multiplication and division problems.



1. Jin is making 5 party bags. How many of each item will he put in each bag? Remember, they need to be exactly the same.



**28 stickers**

In bag \_\_\_\_\_

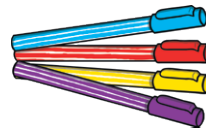
Left over \_\_\_\_\_



**44 sweets**

In bag \_\_\_\_\_

Left over \_\_\_\_\_



**32 felt tips**

In bag \_\_\_\_\_

Left over \_\_\_\_\_



**56 marbles**

In bag \_\_\_\_\_

Left over \_\_\_\_\_

2. He can't decide between party hats and party poppers.

Which would have the fewest left over? \_\_\_\_\_

Explain your reasoning: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



3. There are 14 people at his tea party. How many packets of each item does he need to buy so there is enough for everyone to have 1 of everything?



**2 drinks**

Packs \_\_\_\_\_

Left over \_\_\_\_\_



**8 biscuits**

Packets \_\_\_\_\_

Left over \_\_\_\_\_



**4 cakes**

Packets \_\_\_\_\_

Left over \_\_\_\_\_



**12 paper cups**

Packs \_\_\_\_\_

Left over \_\_\_\_\_



# Party Planning

4. Jin might spend his birthday money on building bricks. He has £29. How many boxes of building bricks can he buy?



Boxes: \_\_\_\_\_

5. Or he may spend it on cars. How many cars can he buy?



Cars: \_\_\_\_\_

6. Which should he choose if he wants to have more money left over?
-



# Answers

1. Jin is making 5 party bags. How many of each item will he put in each bag? Remember, they need to be exactly the same.

<b>28 stickers</b>	<b>44 sweets</b>	<b>32 felt tips</b>	<b>56 marbles</b>
In bag <u>  5  </u>	In bag <u>  8  </u>	In bag <u>  6  </u>	In bag <u> 11  </u>
Left over <u>  3  </u>	Left over <u>  4  </u>	Left over <u>  2  </u>	Left over <u>  1  </u>

2. He can't decide between party hats and party poppers.

Which would have the fewest left over? party hats

Explain your reasoning: He would need to buy 3 packs of hats which is 6 hats, so he would have 1 left over. 1 bag of party poppers would mean he had 3 left over.



3. There are 14 people at his tea party. How many packets of each item does he need to buy so there is enough for everyone to have 1 of everything?

<b>2 drinks</b>	<b>8 biscuits</b>	<b>4 cakes</b>	<b>12 paper cups</b>
Packs <u>  7  </u>	Packets <u>  2  </u>	Packets <u>  4  </u>	Packs <u>  2  </u>
Left over <u>  0  </u>	Left over <u>  2  </u>	Left over <u>  2  </u>	Left over <u> 10  </u>

4. Jin might spend his birthday money on building bricks. He has £29. How many boxes of building bricks can he buy?

Boxes:   14  

5. Or he may spend it on cars. How many cars can he buy?

Cars:   5  

6. Which should he choose if he wants to have more money left over?

Cars as he will have £4 left over.

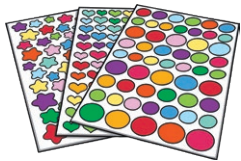


# Party Planning

I can solve multiplication and division problems.



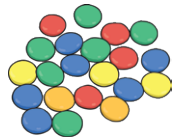
1. Jin is making 5 identical party bags. How many stickers and sweets will he put in each bag? How many felt tips and marbles did he buy?



**48 stickers**

In bag \_\_\_\_\_

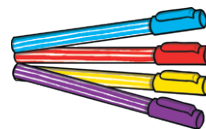
Left over \_\_\_\_\_



**54 sweets**

In bag \_\_\_\_\_

Left over \_\_\_\_\_



**\_\_\_\_\_ felt tips**

In bag: 6

Left over: 4

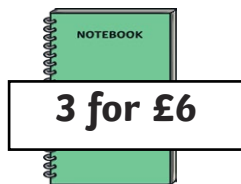
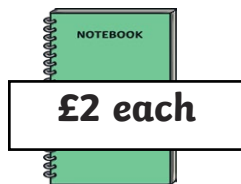
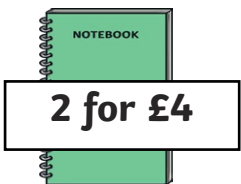


**\_\_\_\_\_ marbles**

In bag: 11

Left over: 3

2. He has £15 to spend. He wants to put a notebook in each bag. Which books should he buy to have the most money left over?



Explain your reasoning: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. There are 20 people at his tea party. How many packets of each item does he need to buy so there is enough for everyone to have 1 of everything?



**2 drinks**

Packs \_\_\_\_\_

Left over \_\_\_\_\_



**8 biscuits**

Packets \_\_\_\_\_

Left over \_\_\_\_\_



**4 cakes**

Packets \_\_\_\_\_

Left over \_\_\_\_\_



# Party Planning

4. He buys 2 packs of paper cups and has 4 left over.  
How many cups are in each pack? \_\_\_\_\_
5. Jin might spend his birthday money on building bricks. He has £29. How many boxes of building bricks can he buy?



Boxes: \_\_\_\_\_

6. Or he might spend it on cars. How many cars can he buy?



Cars: \_\_\_\_\_

7. Or he may even choose footballs! How many footballs can he buy?



Footballs: \_\_\_\_\_

8. Which should he choose if he wants to have the most amount of money left over?

\_\_\_\_\_

9. Which should he choose if he wants to have the least amount of money left over?

\_\_\_\_\_



# Answers

1. Jin is making 5 identical party bags. How many stickers and sweets will he put in each bag? How many felt tips and marbles did he buy?

**48 stickers**

**54 sweets**

34 felt tips

58 marbles

In bag 9

In bag 10

In bag: 6

In bag: 11

Left over 3

Left over 4

Left over: 4

Left over: 3

2. He has £15 to spend. He wants to put a notebook in each bag. Which books should he buy to have the most money left over?

Explain your reasoning: £2 each. As he needs 5, it is cheaper to buy them for £2. This will cost £10, the other 2 ways he has to buy 6 and has to spend £12.

3. There are 20 people at his tea party. How many packets of each item does he need to buy so there is enough for everyone to have 1 of everything?

**2 drinks**

**8 biscuits**

**4 cakes**

Packs 10

Packets 3

Packets 5

Left over 0

Left over 4

Left over 0

4. He buys 2 packs of paper cups and has 4 left over.

How many cups are in each pack? 12

5. Jin might spend his birthday money on building bricks. He has £29. How many boxes of building bricks can he buy?

Boxes: 9

6. Or he might spend it on cars. How many cars can he buy?

Cars: 5

7. Or he may even choose footballs! How many footballs can he buy?

Footballs: 2

8. *Footballs £9 left.*

9. *Building bricks £1 left.*