



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 _____

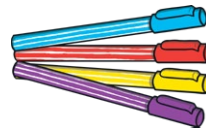
Left over _____



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?

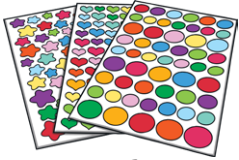


Cars: _____



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

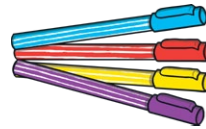
Left over 4



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



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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 _____

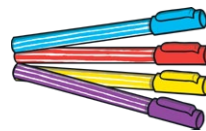
Left over _____



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.

28 stickers	44 sweets	32 felt tips	56 marbles
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?

2 drinks	8 biscuits	4 cakes	12 paper cups
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 _____

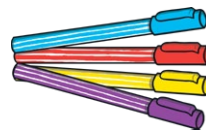
Left over _____



54 sweets

In bag _____

Left over _____



_____ felt tips

In bag: 6

Left over: 4

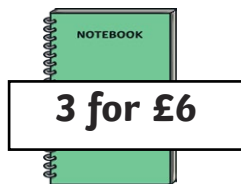
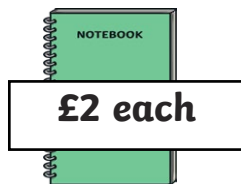
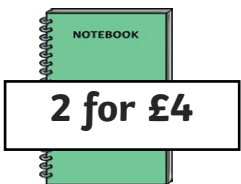


_____ marbles

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 4

Left over 0

Left over 4

Left over 4

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.*