

## Maths Tuesday Lesson 7 More Challenging

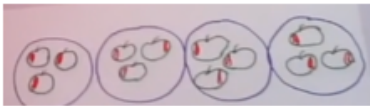
See a Repeated Expression First and then Make Groups to Match- Can you draw and represent repeated addition expressions?

$$3 + 3 + 3 + 3$$

I have 4 groups of 3  
There are 3 and 3 and 3 and 3  
We can write this as  $3 + 3 + 3 + 3$

Draw a bar model and picture to represent the expression above

|   |   |   |   |
|---|---|---|---|
| 3 | 3 | 3 | 3 |
|---|---|---|---|



$$5 + 5 + 5$$

I have ..... groups of.....  
There are ..... and.....and ....  
We can write this as.....

Draw a bar model and picture to represent the expression above

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

$$2 + 2 + 2 + 2$$

I have..... groups of .....  
There are..... and.....and.....and.....  
We can write this as.....

Draw a bar model and picture to represent the expression above

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

$$10 + 10 + 10$$

I have.....groups of.....  
There are.....and.....and.....  
We can write this as.....

Draw a bar model and picture to represent the expression above

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

Circle the expression that matches the sentence

There are 5 groups of 2.

$$5 + 2$$

$$2 + 2 + 2 + 2 + 2$$

$$5 + 5$$

There are 3 groups of 6.

$$6 + 6 + 6$$

$$3 + 3 + 3 + 3 + 3 + 3$$

$$6 + 3$$

There are 4 groups of 10.

$$4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4$$

$$10 + 10 + 10 + 10$$

Draw a picture, a bar model and write a repeated addition expression to represent each sentence

A. I have 4 groups of 5

C. I have 5 groups of 6

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

B. I have 5 groups of 4

D. I have 6 groups of 5

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|--|--|--|--|--|--|

### Purple challenge

Ben has written a repeated addition expression to match the representation below,



$$5 + 5$$

Is Ben correct?

Explain your answer

Which group of money is the odd one out?



Explain why.

Answers:

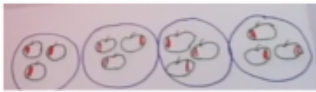
See a Repeated Expression First and then Make Groups to Match- Can you draw and represent repeated addition expressions?

$$3 + 3 + 3 + 3$$

I have 4 groups of 3  
There are 3 and 3 and 3 and 3  
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Draw a bar model and picture to represent the expression above

|   |   |   |   |
|---|---|---|---|
| 3 | 3 | 3 | 3 |
|---|---|---|---|

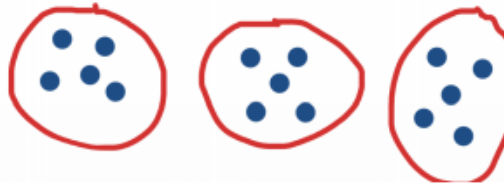


$$5 + 5 + 5$$

I have 3 groups of 5  
There are 5 and 5 and 5  
We can write this as  $5 + 5 + 5$

Draw a bar model and picture to represent the expression above

|   |   |   |
|---|---|---|
| 5 | 5 | 5 |
|---|---|---|



$$2 + 2 + 2 + 2$$

I have 4 groups of 2  
There are 2 and 2 and 2 and 2  
We can write this as  $2 + 2 + 2 + 2$

Draw a bar model and picture to represent the expression above

|   |   |   |   |
|---|---|---|---|
| 2 | 2 | 2 | 2 |
|---|---|---|---|



$$10 + 10 + 10$$

I have 3 groups of 10  
There are 10 and 10 and 10  
We can write this as  $10 + 10 + 10$

Draw a bar model and picture to represent the expression above

|   |   |   |
|---|---|---|
| 5 | 5 | 5 |
|---|---|---|



Circle the expression that matches the sentence  
There are 5 groups of 2.

$$5 + 2$$

$$2 + 2 + 2 + 2 + 2$$

$$5 + 5$$

There are 3 groups of 6.

$$6 + 6 + 6$$

$$3 + 3 + 3 + 3 + 3 + 3$$

$$6 + 3$$

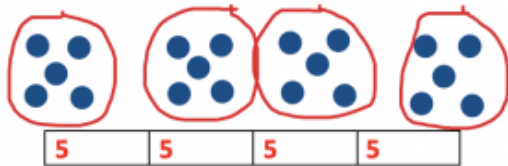
There are 4 groups of 10.

$$4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4$$

$$10 + 10 + 10 + 10$$

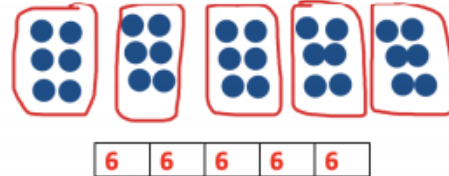
Draw a picture, a bar model and write a repeated addition expression to represent each sentence

A. I have 4 groups of 5



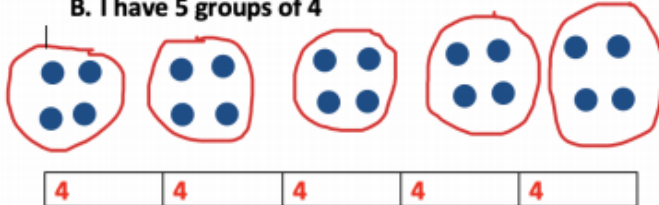
$$5 + 5 + 5 + 5$$

C. I have 5 groups of 6



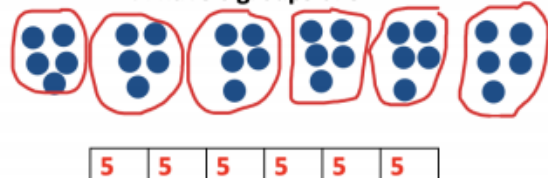
$$6 + 6 + 6 + 6 + 6$$

B. I have 5 groups of 4



$$4 + 4 + 4 + 4 + 4$$

D. I have 6 groups of 5



$$5 + 5 + 5 + 5 + 5 + 5$$

### Purple challenge

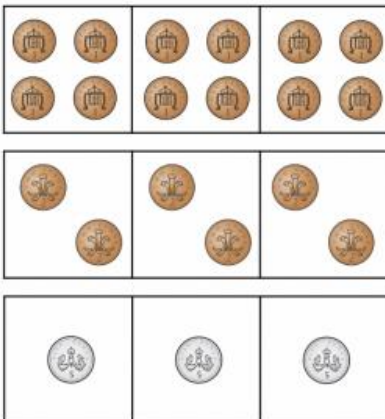
Ben has written a repeated addition expression to match the representation below,



Is Ben correct?  
Explain your answer

No Ben is incorrect. Ben should've written  $2 + 2 + 2 + 2 + 2$  as there are 5 groups of 2. Ben has written 2 groups of 5.

Which group of money is the odd one out?



The bags with 5 p in each because the 2 ps and 1 ps have 4 p in each group.

Explain why.