

Maths Wednesday Lesson 8 Less Challenging

Repeated addition expression - Does the representation match the expression?

True or False

Example:

This picture shows $2 + 2 + 2$



.....True.....

There are **3** groups of **2**.

There are **2** and **2** and **2**.

There are **three twos**.

We can write this as $2 + 2 + 2$

This picture shows $2 + 2 + 2$



.....

There are.....groups.....

There are.....and.....

There are.....

We can write this as.....

This picture shows $4 + 4 + 4 + 4$



.....

There are..... groups of.....

There areand.....and.....and.....and.....

There are.....

We can write this as.....

This picture shows $6 + 6 + 6 + 6$



.....

There are.....groups of.....

There are.....and.....and.....and.....

There are.....

We can write this as.....

Circle the correct repeated addition expression to match each representation



$5 + 5$

$2 + 2 + 2 + 2 + 2$

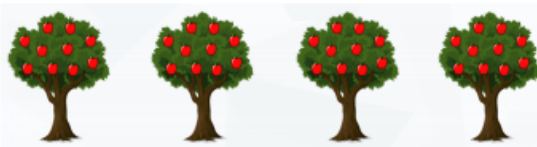
$2 + 5$



$4 + 4$

$2 + 2 + 2$

$2 + 2 + 2 + 2$



$10 + 10 + 10 + 10$

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

$4 + 10$



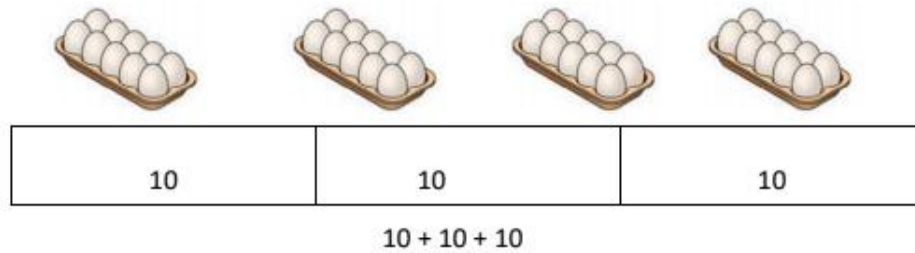
$4 + 4 + 4$

$3 + 4$

$3 + 3 + 3 + 3$

Purple challenge

Lisa has drawn a bar model and written a repeated addition expression to match the picture below.



Is she right?

Explain your answer

Answers:

True or False

Example:

This picture shows $2 + 2 + 2$



.....True.....

There are **3** groups of **2**.

There are **2** and **2** and **2**.

There are **three twos**.

We can write this as $2 + 2 + 2$

This picture shows $2 + 2 + 2$



.....False.....

There are **2** groups of **3**.

There are **3** and **3**.

There are **two threes**.

We can write this as $3 + 3$



$5 + 5$

$2 + 2 + 2 + 2 + 2$

$2 + 5$



$4 + 4$

$2 + 2 + 2$

$2 + 2 + 2 + 2$

This picture shows $4 + 4 + 4 + 4$



.....False.....

There are **5** groups of **4**.

There are **4** and **4** and **4** and **4** and **4**.

There are **five fours**.

We can write this as $4 + 4 + 4 + 4 + 4$

This picture shows $6 + 6 + 6 + 6$



.....True.....

There are **4** groups of **6**.

There are **6** and **6** and **6** and **6**.

There are **four sixes**.

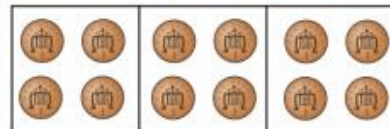
We can write this as $6 + 6 + 6 + 6$



$10 + 10 + 10 + 10$

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

$4 + 10$



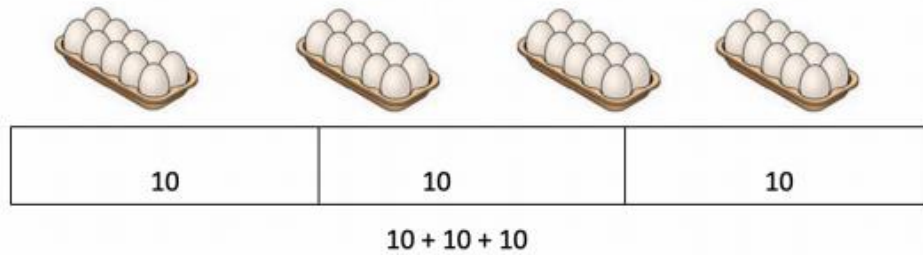
$4 + 4 + 4$

$3 + 4$

$3 + 3 + 3 + 3$

Purple challenge

Lisa has drawn a bar model and written a repeated addition expression to match the picture below.



Is she right?

Explain your answer

No Lisa is incorrect. The bar model shows 3 groups of 10. It should show 4 groups of 10.

There are 4 groups of 10

There are 10 and 10 and 10 and 10

There are four tens.

We can write this as $10 + 10 + 10 + 10$

10	10	10	10
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