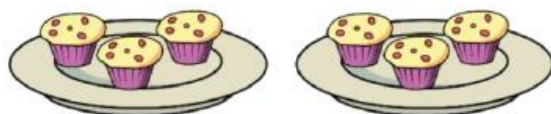


Maths Monday Lesson 6 More Challenging

Repeated addition expressions- Can you write a repeated addition expression to match each representation

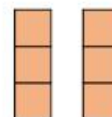


There are ____ equal groups with ____ in each group.



There are ____ equal groups with ____ in each group.

Has Eva shown the equal groups correctly?



Draw or use cubes to show what Eva should have done.

How can you make the groups equal?



Write a repeated addition expression to match each representation

Example:



4	4	4
---	---	---

There are 3 groups of 4.

$$4 + 4 + 4$$



--	--	--	--	--

There are

.....



--	--	--	--

There are

.....



--	--	--	--

There are

.....



--	--	--	--	--	--	--

There are

.....

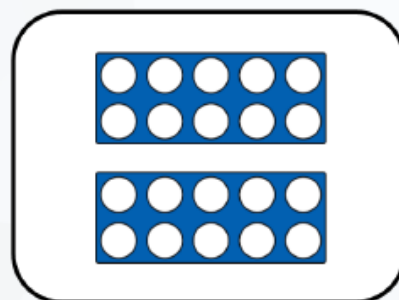
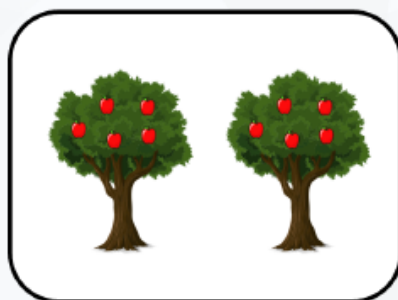
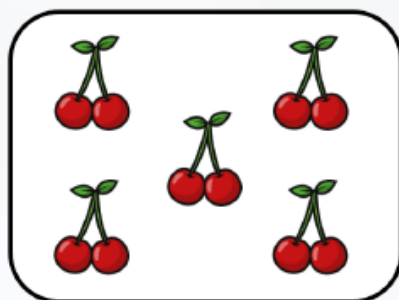


--	--	--	--	--	--	--	--	--	--

There are.....

.....

Match each representation to the repeated expressions below

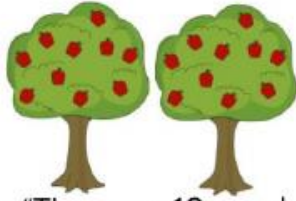


$$10 + 10$$

$$5 + 5$$

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

Spot the mistake.



Alex says, "There are 10 equal groups with 2 in each group. There are ten 2s."

Kat and Asha are making equal groups of doughnuts.

Reason



Kat

We need one more group to make 40.

We need 10 more doughnuts to make 40.



Asha

Who do you agree with? Explain why.

Answers:



There are 2 equal groups with 5 in each group.



There are 2 equal groups with 3 in each group.

Has Eva shown the equal groups correctly?



Draw or use cubes to show what Eva should have done.

How can you make the groups equal?



Children to draw or make 3 towers with 2 in each tower.

Various answers e.g. move one star from right to left box. Any answer that makes them equal.

Write a repeated addition expression to match each representation

Example:



4	4	4
---	---	---

There are 3 groups of 4.

$$4 + 4 + 4$$



5	5	5	5	5
---	---	---	---	---

There are 5 groups of 5
 $5 + 5 + 5 + 5 + 5$



2	2	2	2
---	---	---	---

There are 4 groups of 2

$$2 + 2 + 2 + 2$$



10	10	10	10
----	----	----	----

There are 4 groups of 10

$$10 + 10 + 10 + 10$$



10	10	10	10	10	10	10
----	----	----	----	----	----	----

There are 7 groups of 10

$$10 + 10 + 10 + 10 + 10 + 10 + 10$$



2	2	2	2	2	2	2	2	2	2
---	---	---	---	---	---	---	---	---	---

There are 10 groups of 2

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

10 + 10 5 + 5 2 + 2 + 2 + 2 + 2

Kat and Asha are making equal groups of doughnuts.

Kat: We need one more group to make 40.

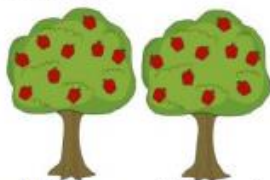
Asha: We need 10 more doughnuts to make 40.

Who do you agree with? Explain why.

Both are correct.

One more group of ten is the same as adding 10 more doughnuts.

Spot the mistake.



Alex says, "There are 10 equal groups with 2 in each group. There are ten 2s."

There are 2 equal groups with 10 in each group

There are two 10s.