

Challenge cards



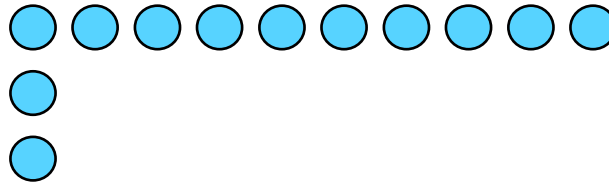
Problem solving and reasoning cards:



I have 15 counters.
What array could I
make from my counters?

Draw and describe the array that Rob
could make using his counters.

The number sentence that represents the
array is: $10 + 10 + 10$.
Complete the array to show this.



There are _____ rows.

There are _____ columns.

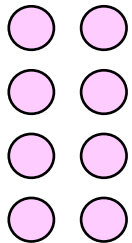
There are _____ counters altogether.



My array has 5 rows and
2 columns. The total
number of counters must
be an even number.

Do you agree with Sue?
Explain why.

Tick (✓) the number sentences that
represent the array.



$2 + 2 + 2$

☐

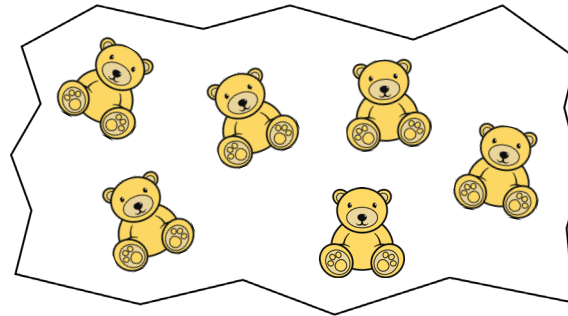
$4 + 4 + 4 + 4$

☐

$4 + 4$

☐

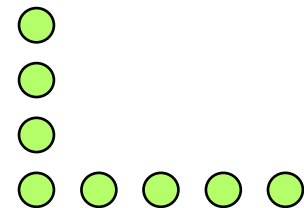
$2 + 2 + 2 + 2$

☐


Build an array using counters to represent
the bears above.

Draw and describe your array.

The number sentence that represents the
array is: $5 + 5 + 5 + 5$.
Complete the array to show this.



There are _____ rows.

There are _____ columns.

There are _____ counters altogether.