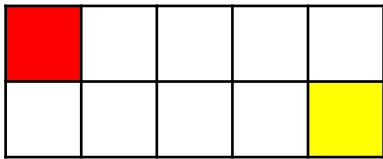


Number bonds to 10



Problem solving and reasoning cards:

Jess needs to colour in all of the boxes using two different colours. One box of each colour has completed.



How many different ways can the grid be coloured?

List all possible ways.

Kat has 10p to spend.



Which two toys could I buy?



3p



4p



9p



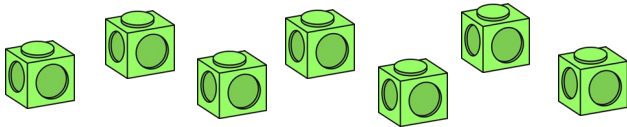
8p



7p



I need 4 more cubes to make a number bond to 10.



Is Che correct?

Explain how you know.

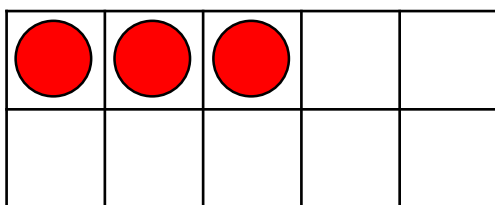
The spots on the toadstool show number a number bond to 10.



True or false?

Explain how you know.

To make 10 on the ten frame you need to draw 8 more counters.



Do you agree?

Explain your answer.

Number bonds to 10 contain two different numbers added together.

Always, sometimes or never?
Explain how you know.

Always

Sometimes

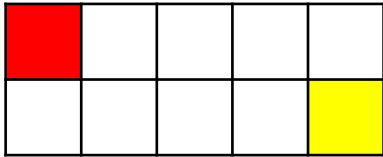
Never

Number bonds to 10



Problem solving and reasoning cards:

Jess needs to colour in all of the boxes using two different colours. One box of each colour has completed.



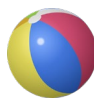
How many different ways can the grid be coloured? List all possible ways.

- 1 red, 9 yellow 4 red, 6 yellow 7 red, 3 yellow
- 2 red, 8 yellow 5 red, 5 yellow 8 red, 2 yellow
- 3 red, 7 yellow 6 red, 4 yellow 9 red, 1 yellow

Kat has 10p to spend.



Which two toys could I buy?



3p



4p



9p



8p

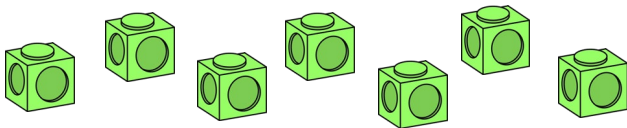


7p

- Ball and yo-yo as $3p + 7p = 10p$.
- Ball and kite as $3p + 4p = 7p$



I need 4 more cubes to make a number bond to 10.



Is Che correct?

Explain how you know.

No. Che would need 3 more cubes as $7 + 3 = 10$.

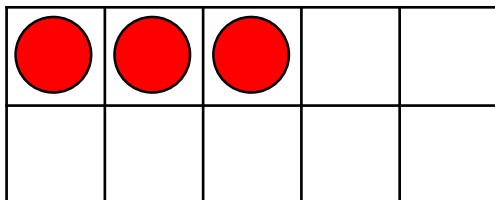
The spots on the toadstool show number a number bond to 10.



True or false? Explain how you know.

False. There are 5 on one half and 4 on the other half. This makes 9, not 10.

To make 10 on the ten frame you need to draw 8 more counters.



Do you agree? Explain your answer.

No. 7 more counters would need to be added as $3 + 7 = 10$.

Number bonds to 10 contain two different numbers added together.

Always, sometimes or never?
Explain how you know.

- Always
- Sometimes
- Never

Sometimes.
Different numbers: $6 + 4 = 10$.
Same number: $5 + 5 = 10$.