



# IN THE BOX

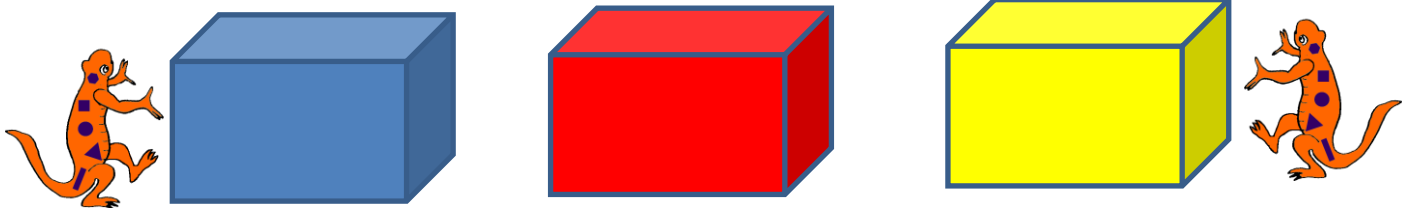
Sally has 3 boxes: a blue box, a red box and a yellow box.

She has **10 cubes** which she puts into the boxes.

Each box gets a **different** number of cubes.

- The **blue box** gets the **most** cubes.
- The **red box** gets the **second most**.
- The **yellow box** gets the **least** cubes.

*How many cubes could there be in each box?*



*There are 4 possibilities. Can you find the other three?*

Blue box	7	Red box	2	Yellow box	1	= 10 cubes
Blue box		Red box		Yellow box		= 10 cubes
Blue box		Red box		Yellow box		= 10 cubes
Blue box		Red box		Yellow box		= 10 cubes

**What if Sally had 11 cubes instead of 10? Can you find the 5 possibilities?**

Blue box		Red box		Yellow box		= 11 cubes
Blue box		Red box		Yellow box		= 11 cubes
Blue box		Red box		Yellow box		= 11 cubes
Blue box		Red box		Yellow box		= 11 cubes
Blue box		Red box		Yellow box		= 11 cubes



# IN THE BOX ANSWERS

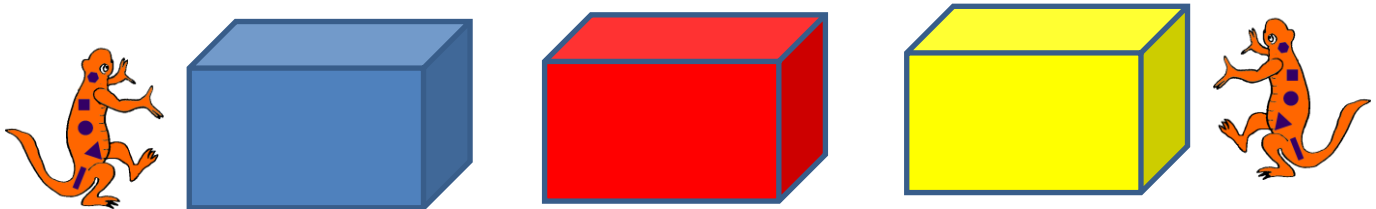
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*How many cubes could there be in each box?*



*There are 4 possibilities. Can you find the other three?*

Blue box	7	Red box	2	Yellow box	1	= 10 cubes
Blue box	6	Red box	3	Yellow box	1	= 10 cubes
Blue box	5	Red box	4	Yellow box	1	= 10 cubes
Blue box	5	Red box	3	Yellow box	2	= 10 cubes

*What if Sally had 11 cubes instead of 10? Can you find the 5 possibilities?*

Blue box	8	Red box	2	Yellow box	1	= 11 cubes
Blue box	7	Red box	3	Yellow box	1	= 11 cubes
Blue box	6	Red box	4	Yellow box	1	= 11 cubes
Blue box	6	Red box	3	Yellow box	2	= 11 cubes
Blue box	5	Red box	4	Yellow box	2	= 11 cubes