

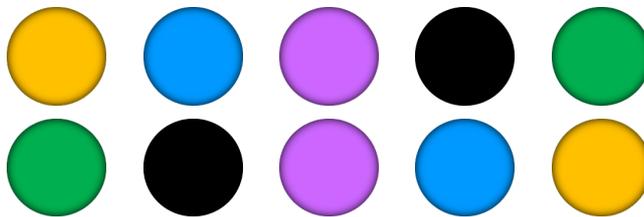
## Challenge #1

Names: \_\_\_\_\_

Two solutions are possible with these clues and counters.  
Show them both.



The Purple counter is in the middle  
Black is between Purple and Green  
Blue is not at an end



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## Challenge #2

Names: \_\_\_\_\_

Here is a coin line up. There are two clues given.  
Write one more clue that will make this line up the only possible solution.

\$1 is between \$2 and 50c

20c is at an end

*Multiple possibilities. It could be something like '\$2 is directly left of 20c' or 'The two coins on the left are worth \$1.50'*



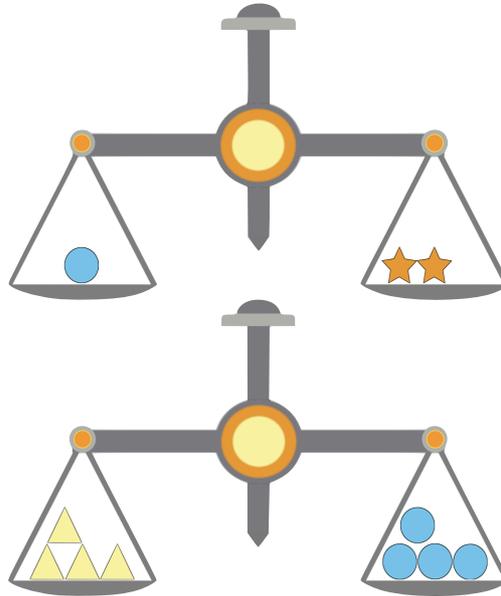
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# Challenge #3

Names: \_\_\_\_\_

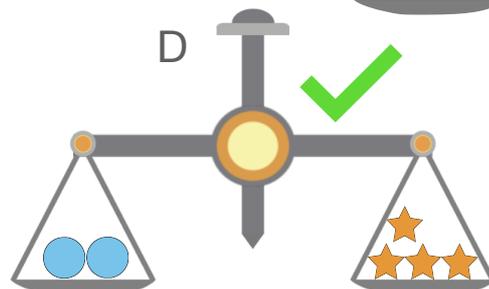
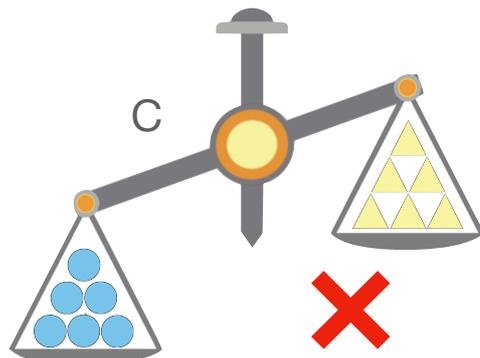
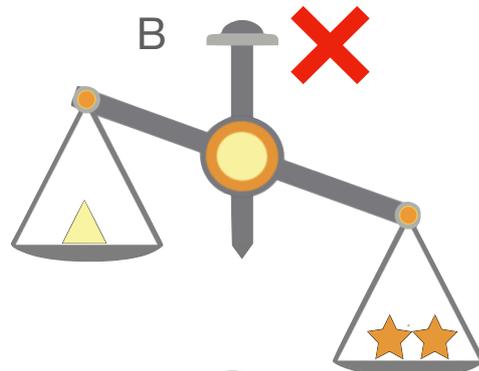
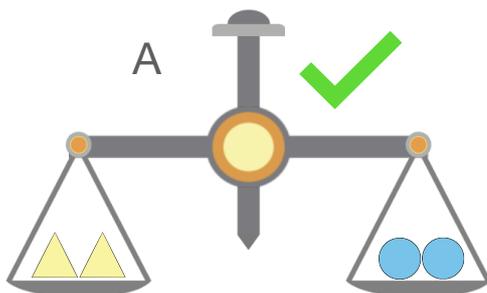
These balance scales are working perfectly.

What they show is true.



Some of these scales are tricking you.

Use the scales above to find two that are true.

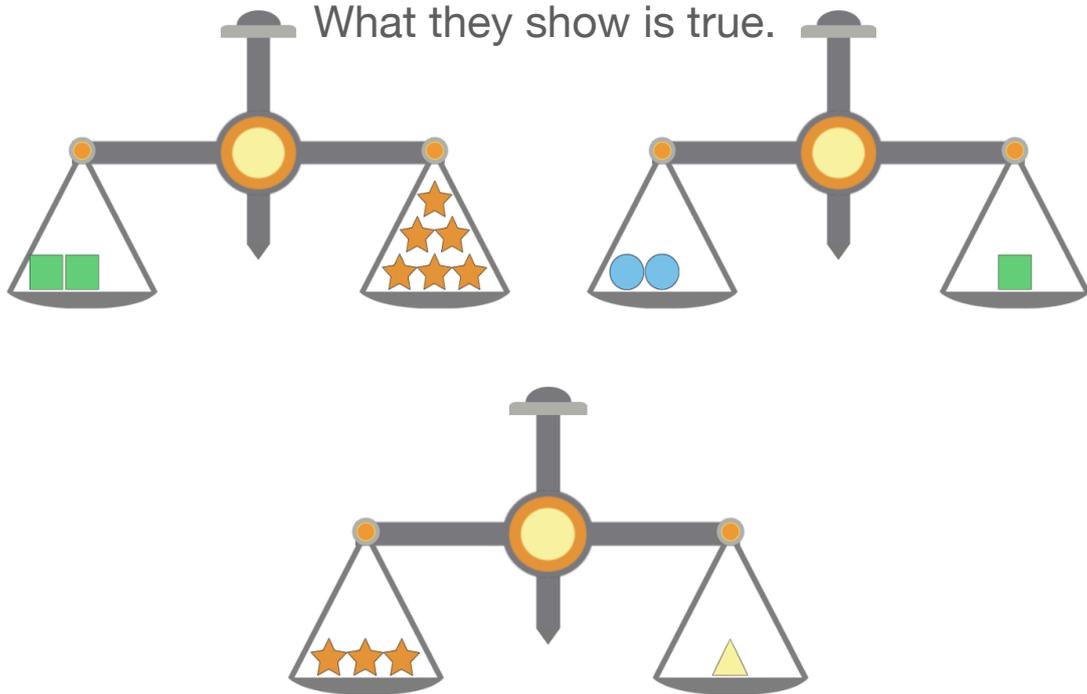


# Challenge #4

Names: \_\_\_\_\_

These balance scales are working perfectly.

What they show is true.



Some of these scales are tricking you.

Use the scales above to find two that are true.

