

Light and Shadow

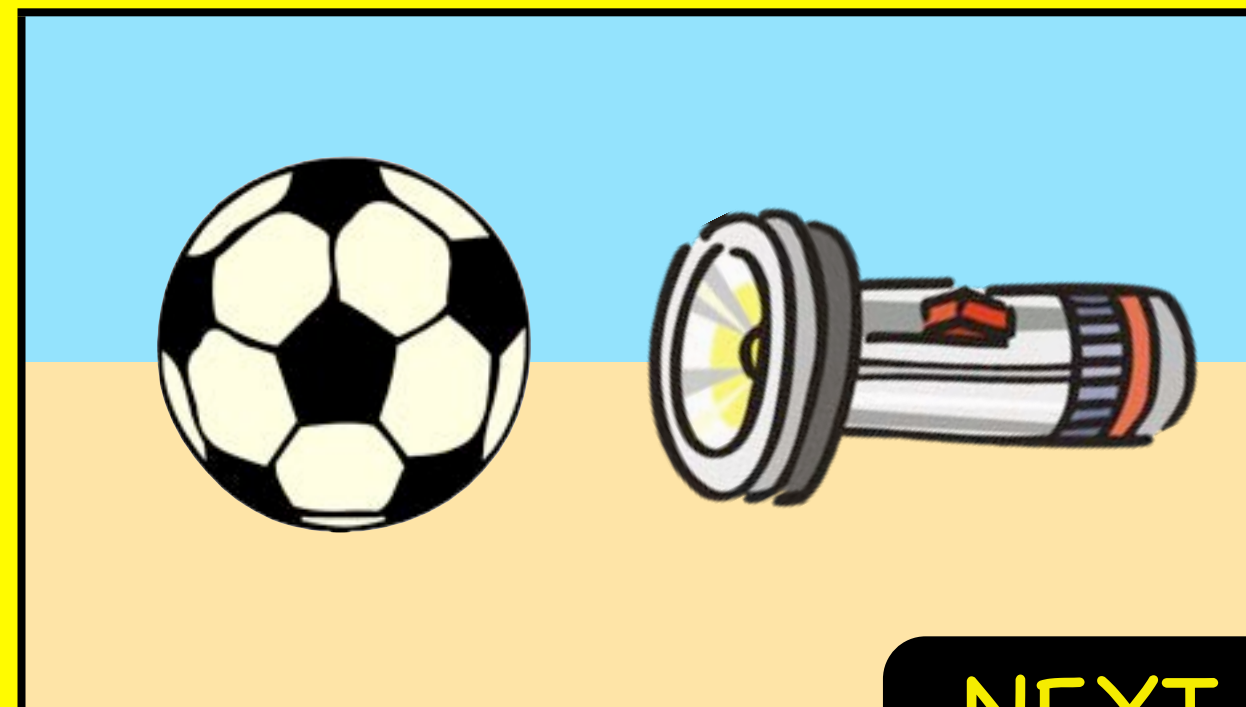
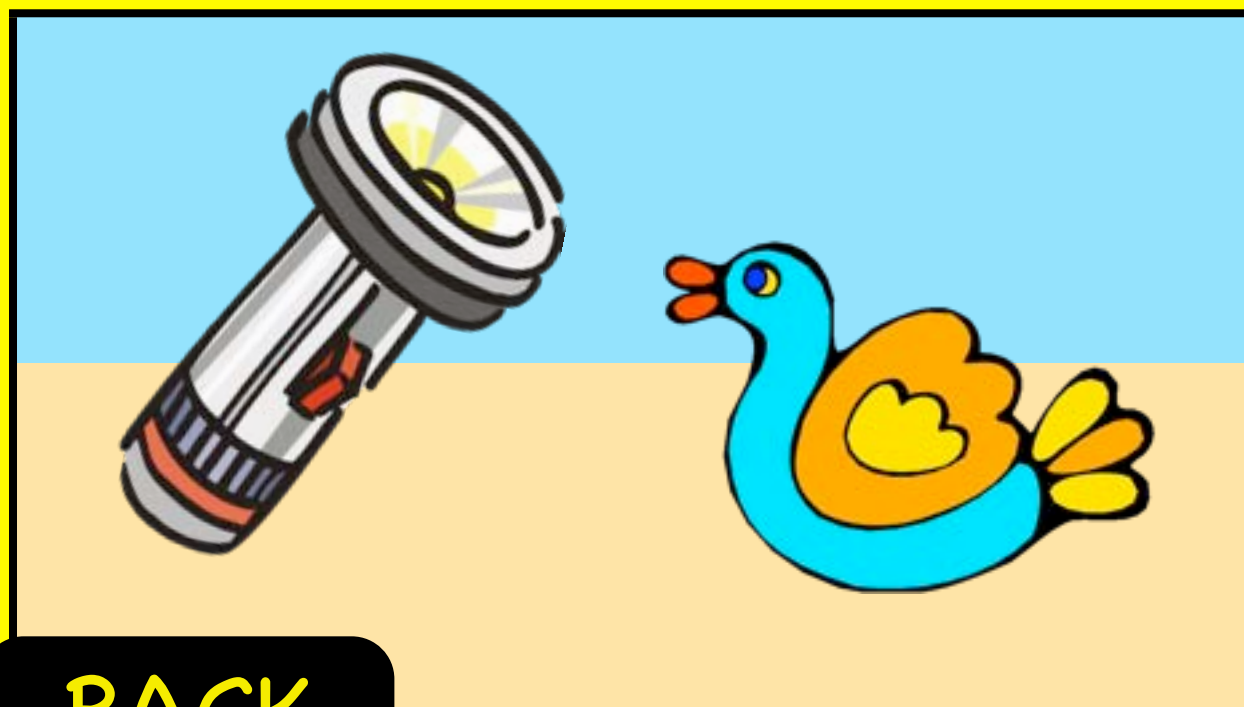
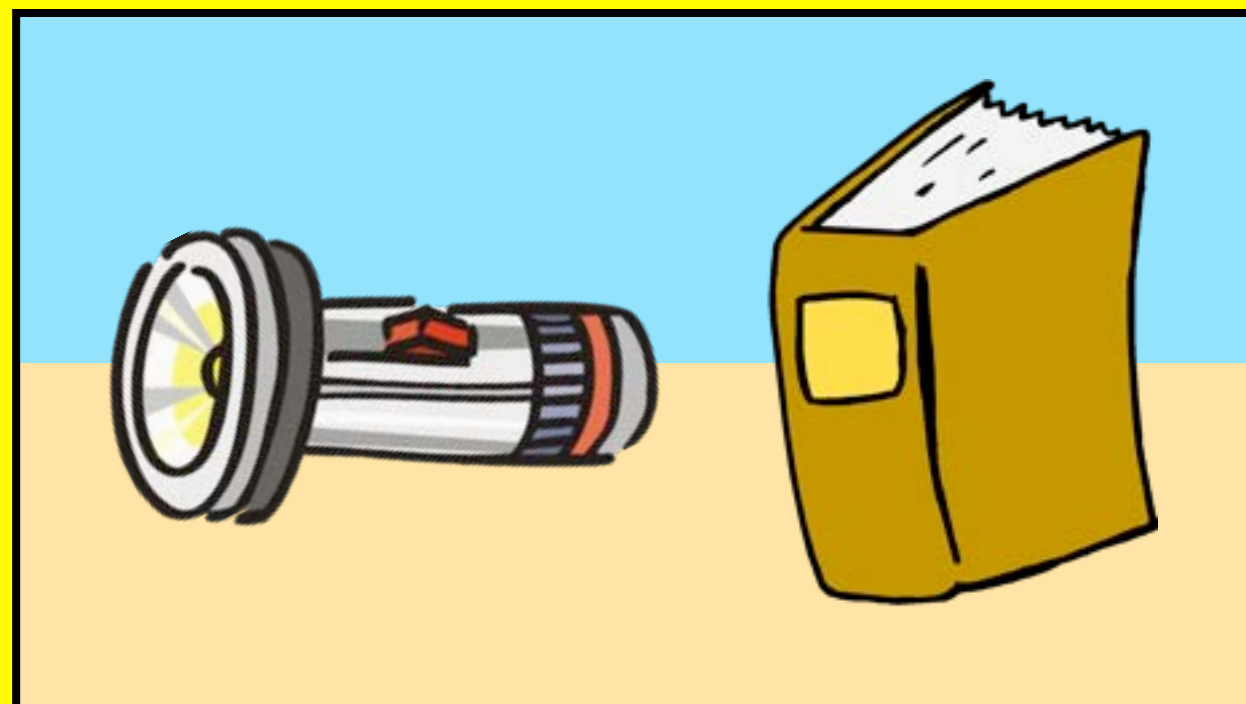
Learning Objective:

To investigate how shadows behave.

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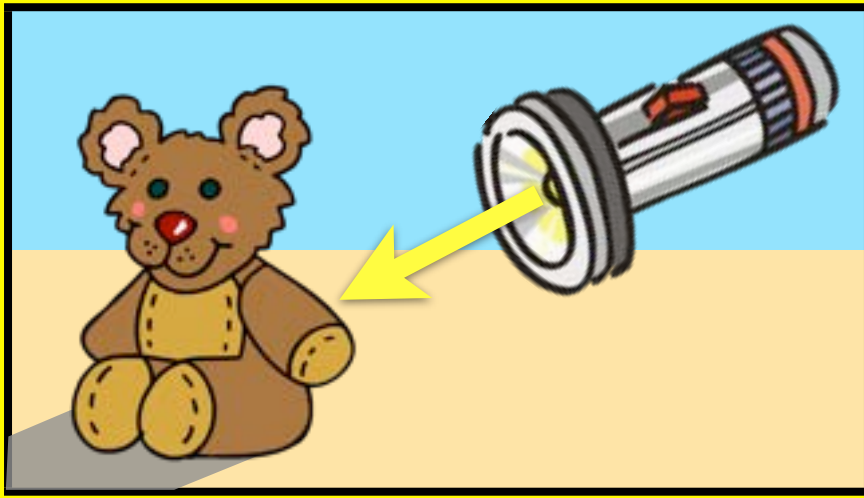


If you turned these torches on, which objects would cast a shadow? Why?

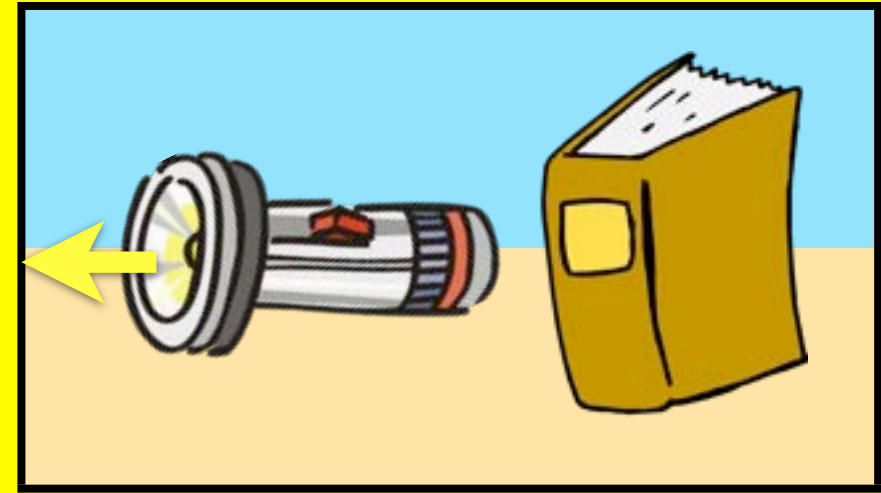


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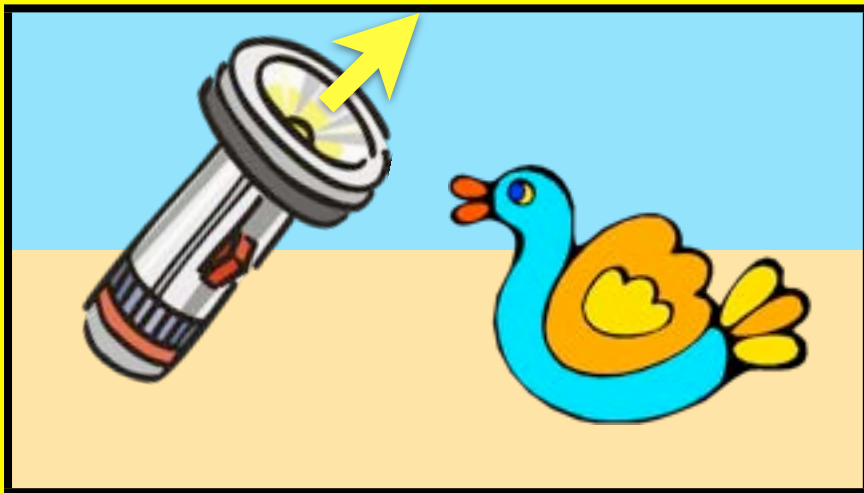
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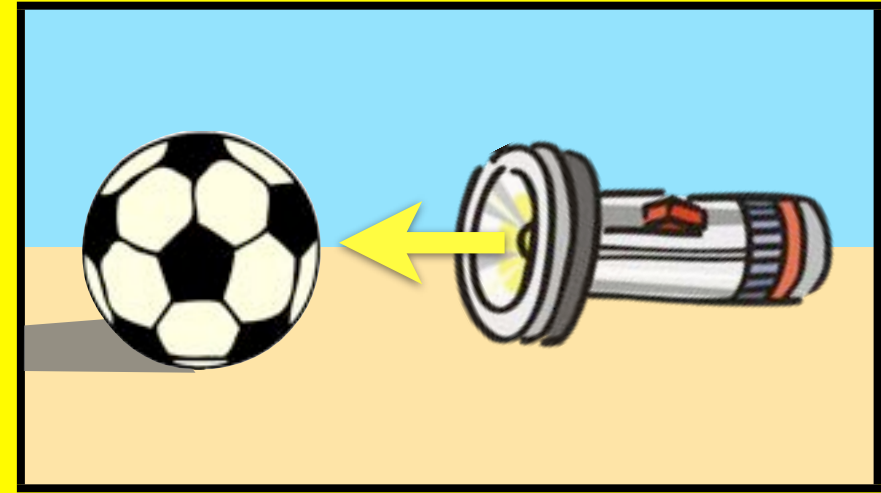
The teddy would cast a shadow because it is blocking the light's path.



The book wouldn't cast a shadow because it isn't blocking the light's path.



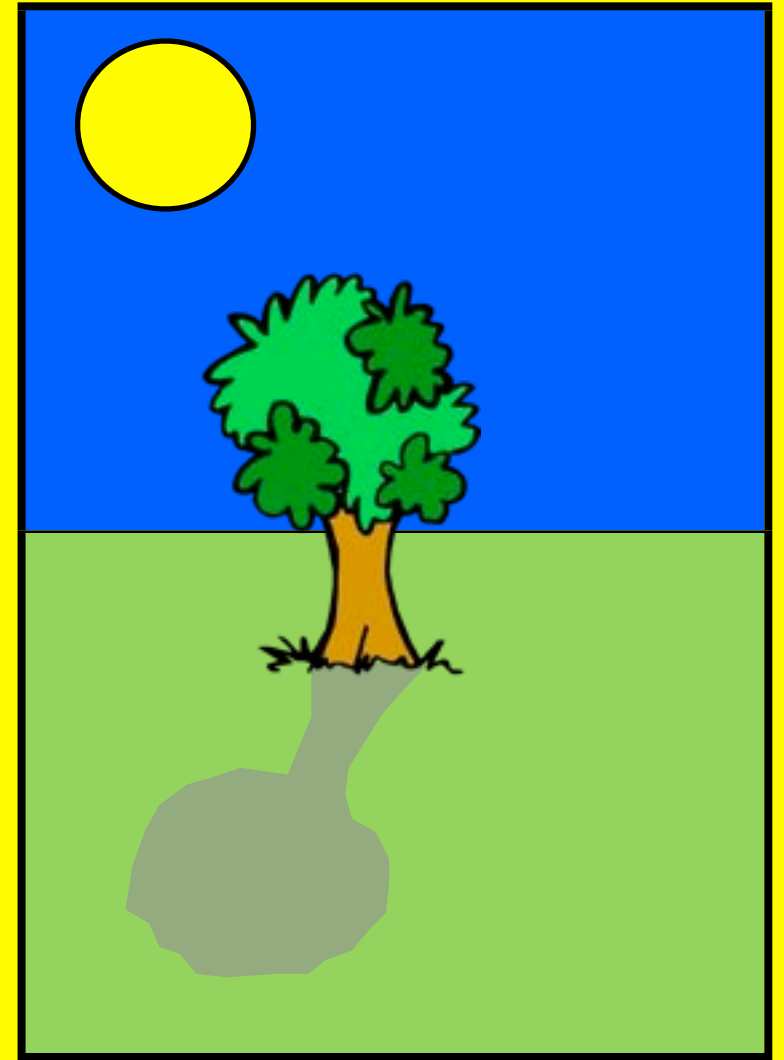
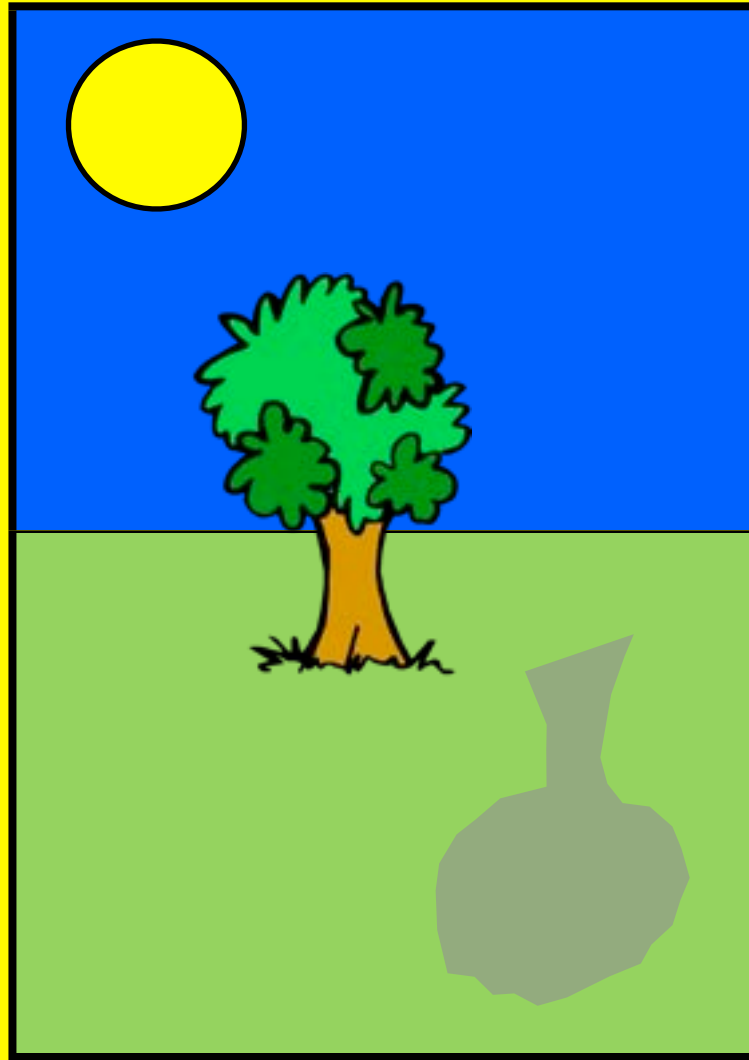
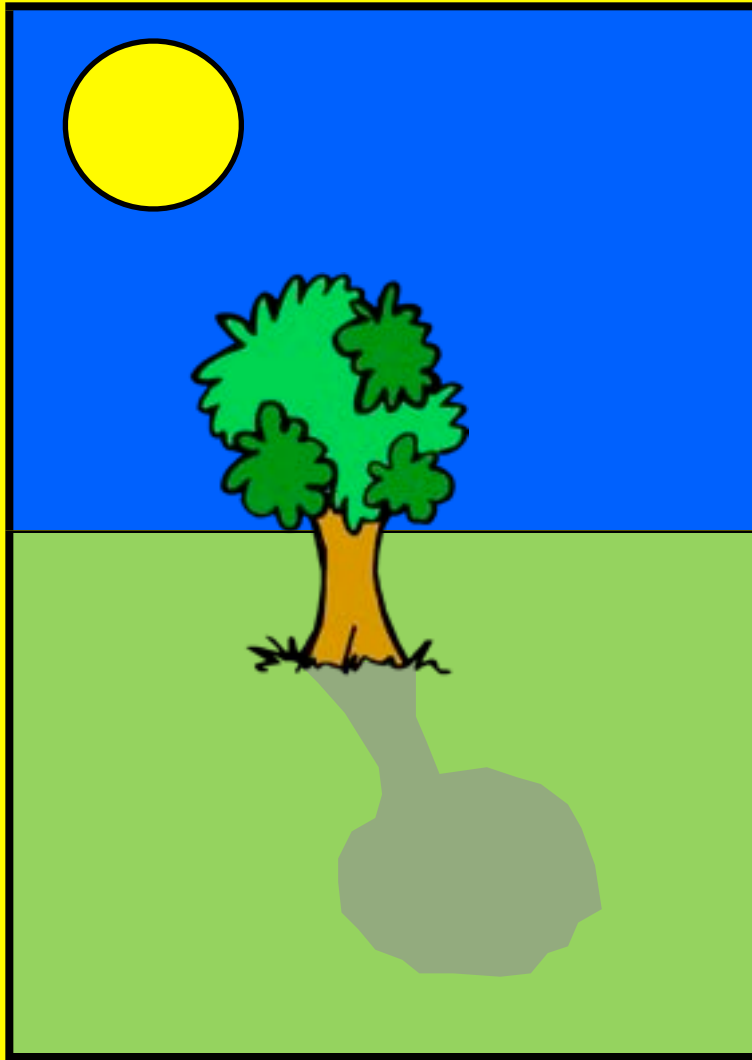
The toy duck wouldn't cast a shadow because it isn't blocking the light's path.



The ball would cast a shadow because it is blocking the light's path.

BACK

NEXT

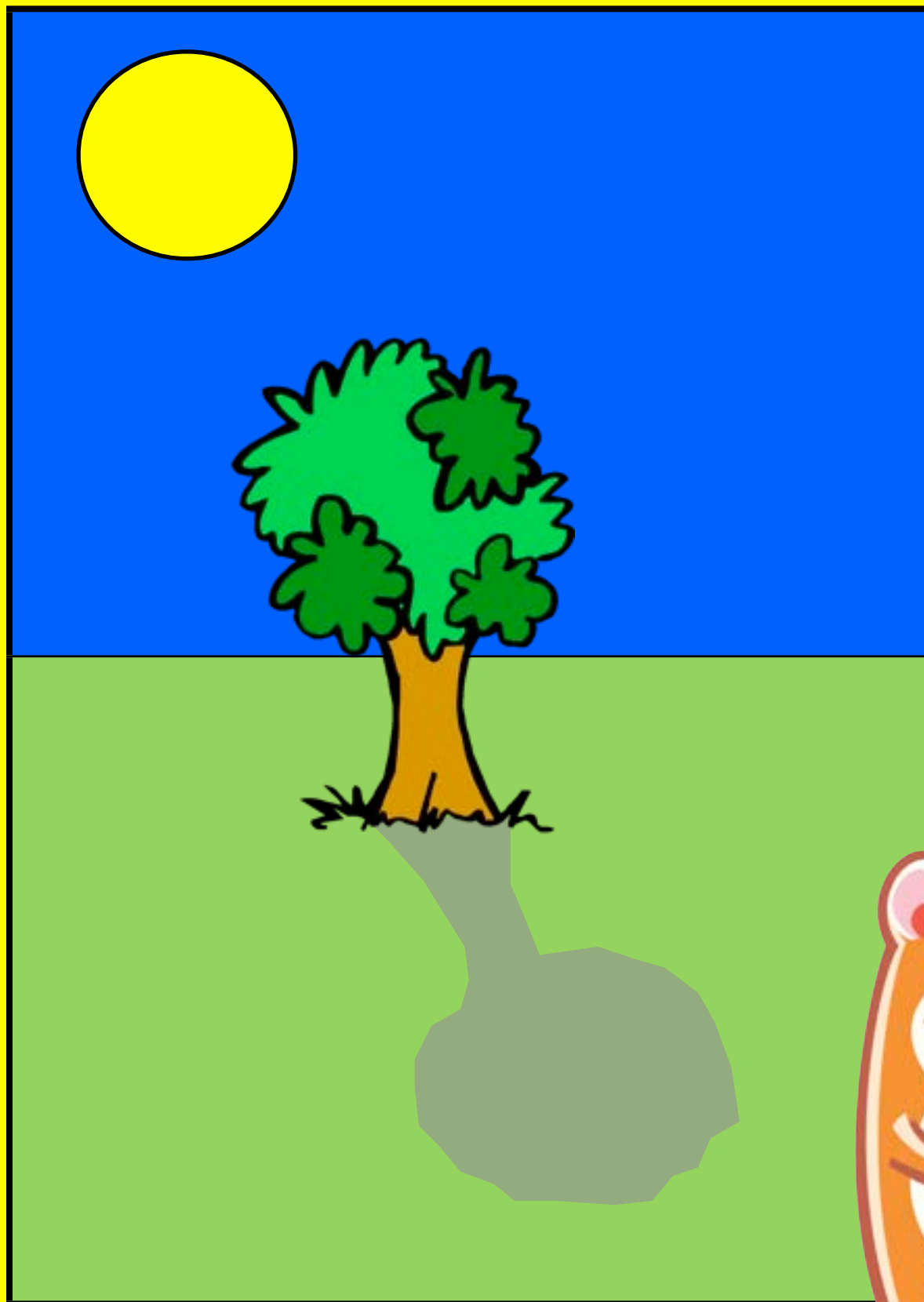


Which of these diagrams do you think is correct? Why?



BACK

NEXT



This is the correct diagram because it shows how the tree is blocking the light's path which casts a shadow.



Well done if you got that right!

BACK

NEXT



Today we are
going to be
investigating how
shadows behave.
How do you think
we could do this?

BACK

NEXT