

Light and Shadow

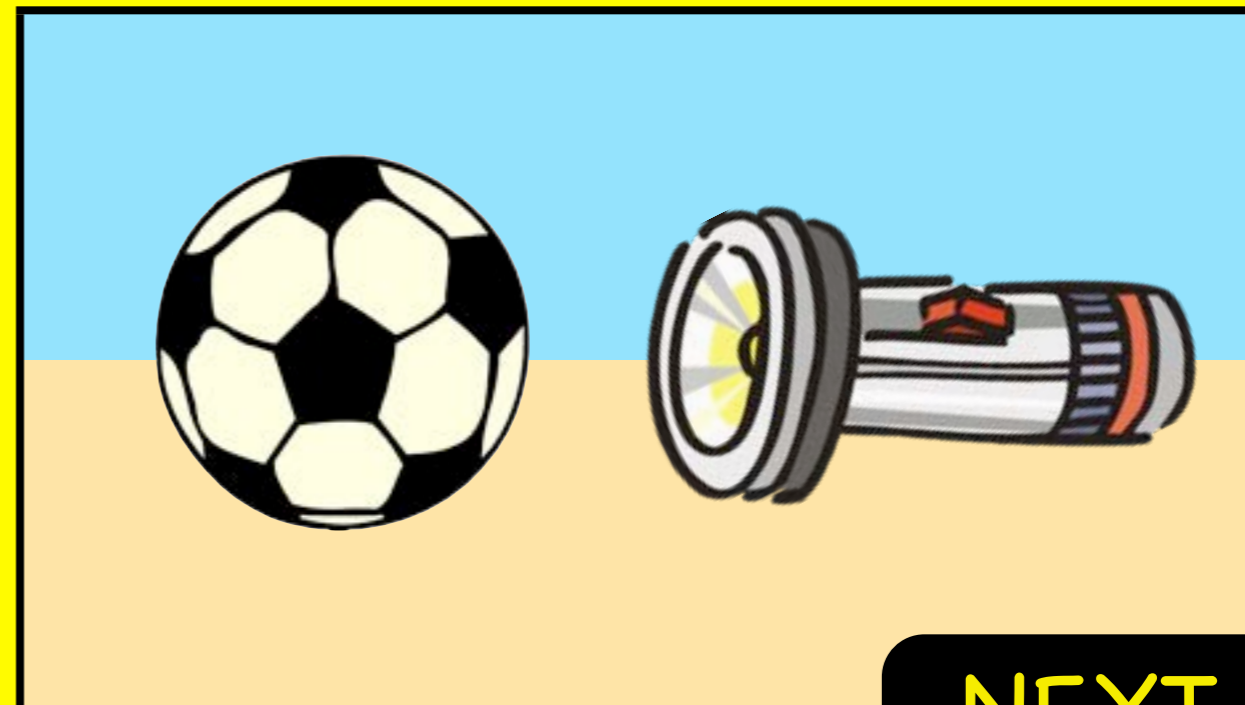
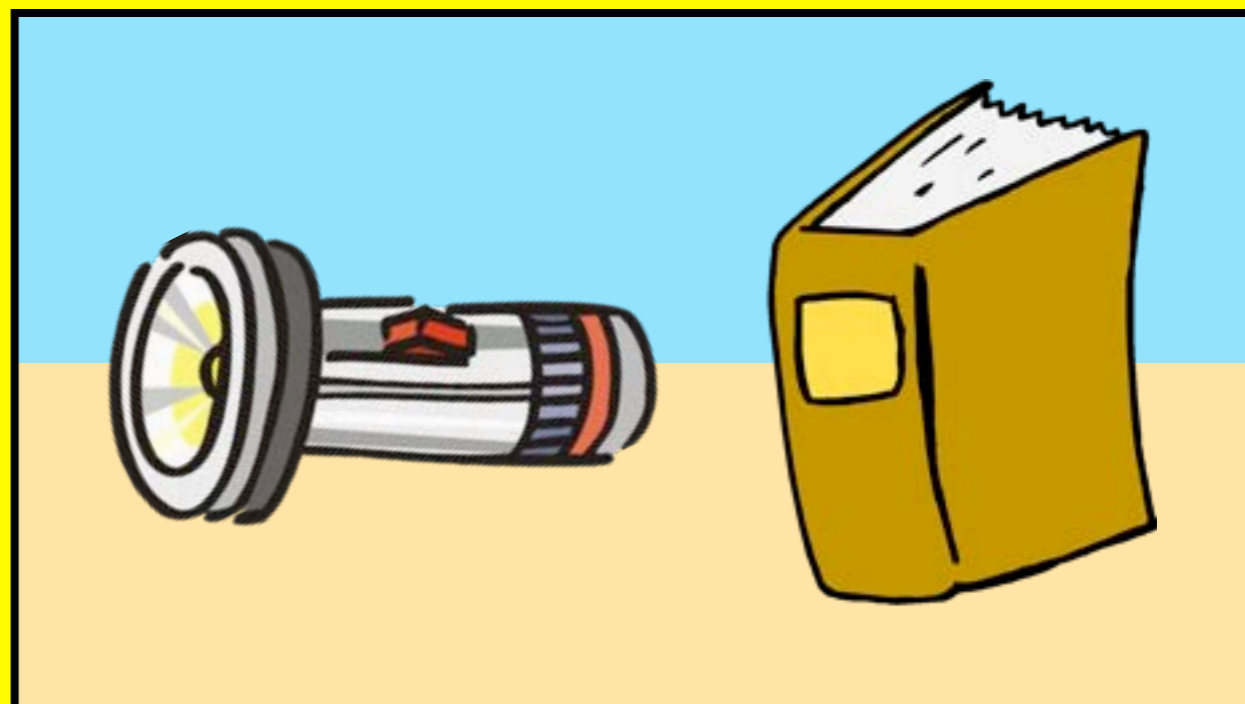
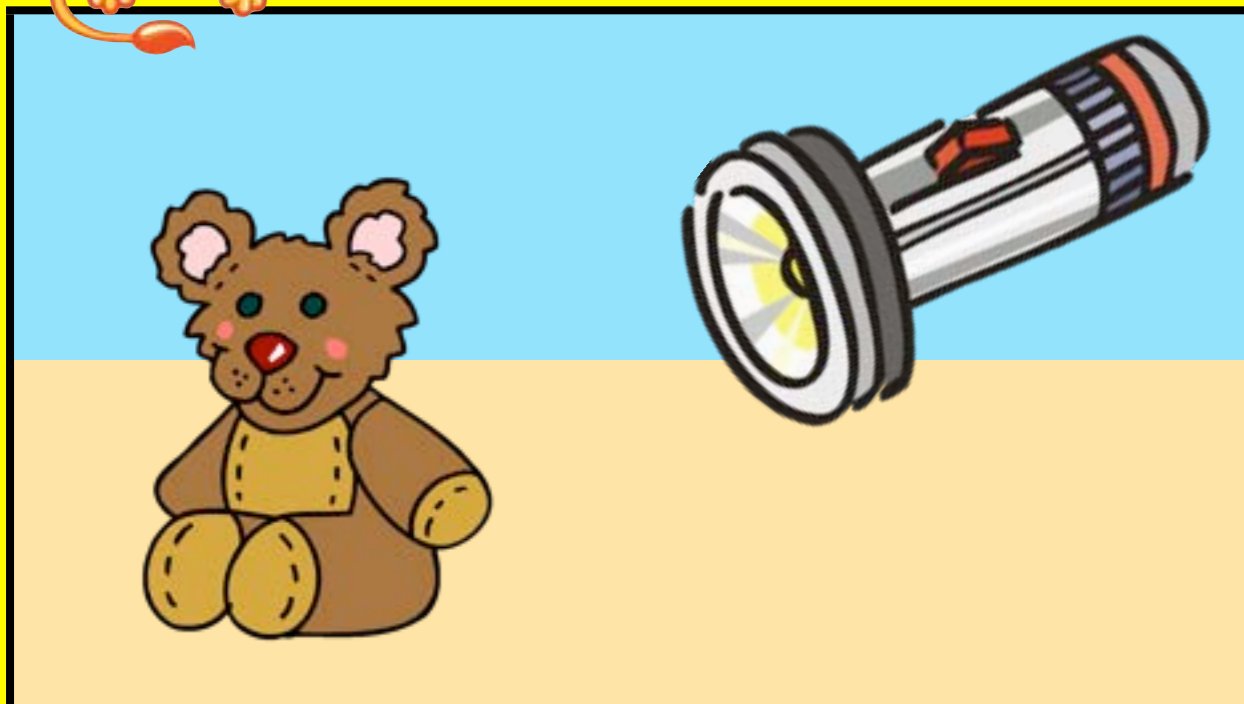
Learning Objective:

To investigate how shadows behave.

NEXT

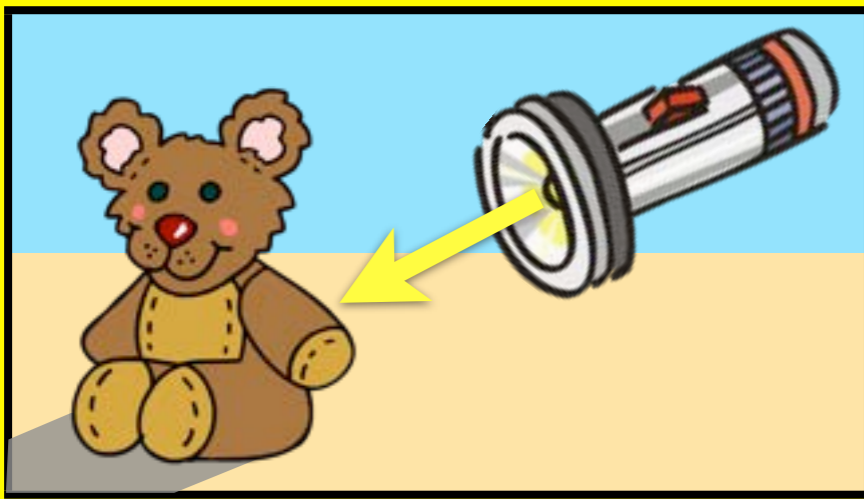


If you turned these torches on, which objects would cast a shadow? Why?

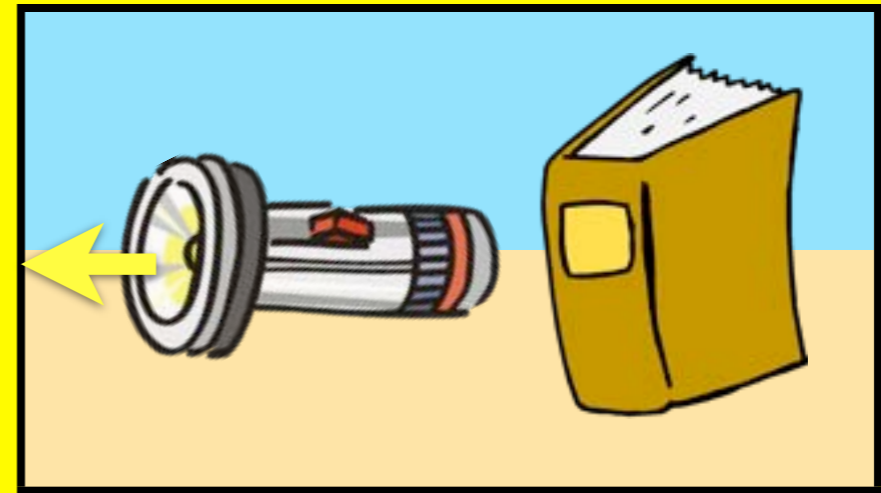


BACK

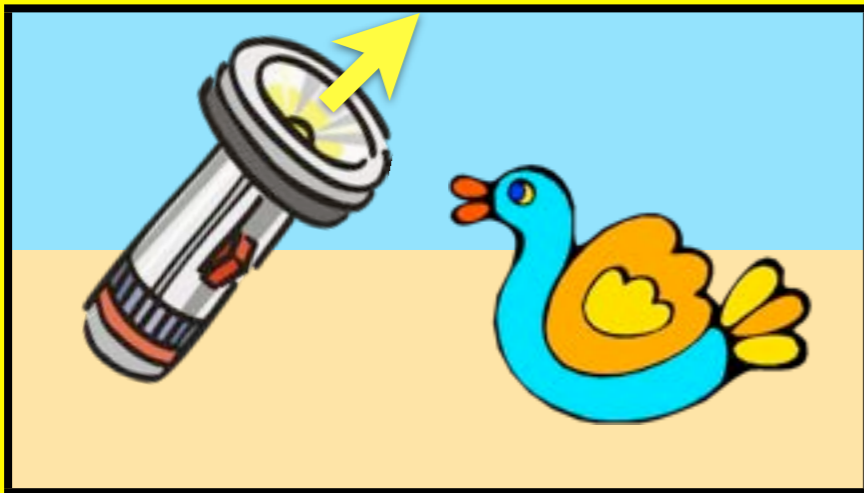
NEXT



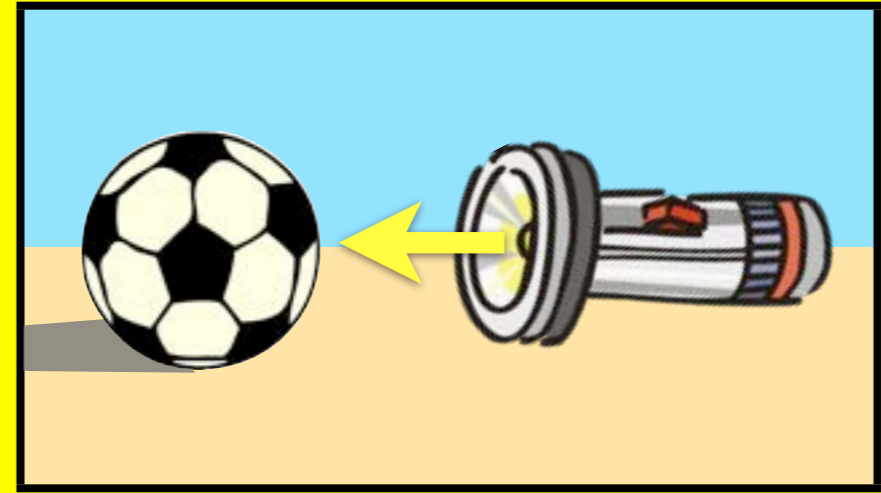
The teddy would cast a shadow because it is blocking the light's path.



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



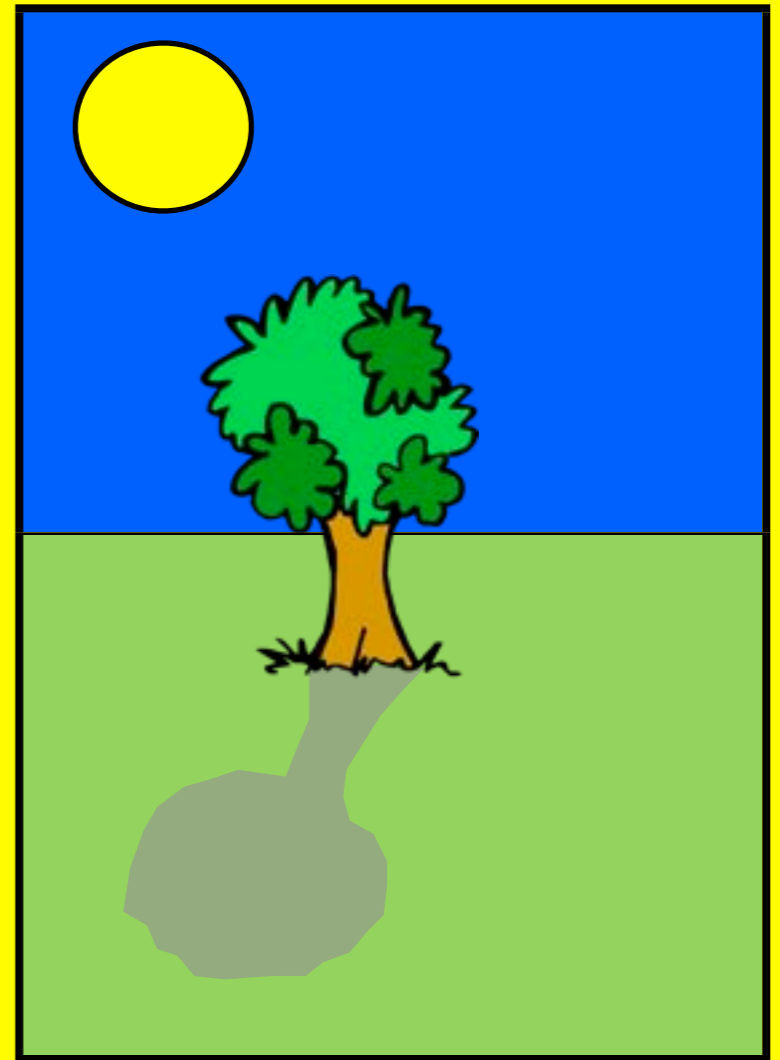
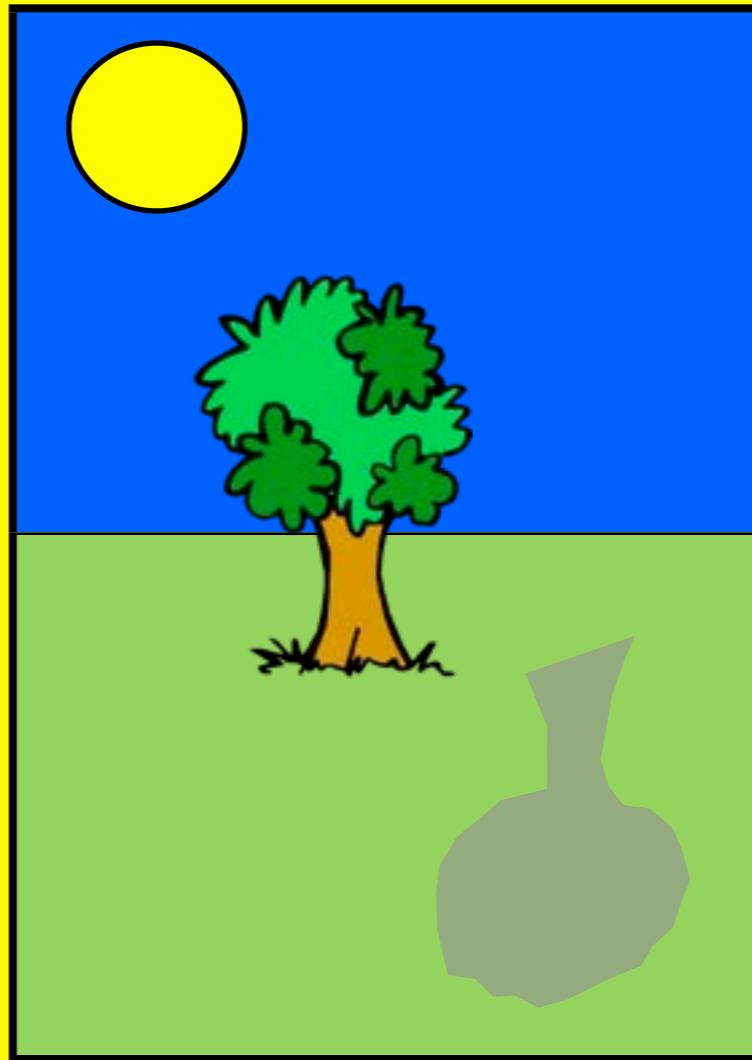
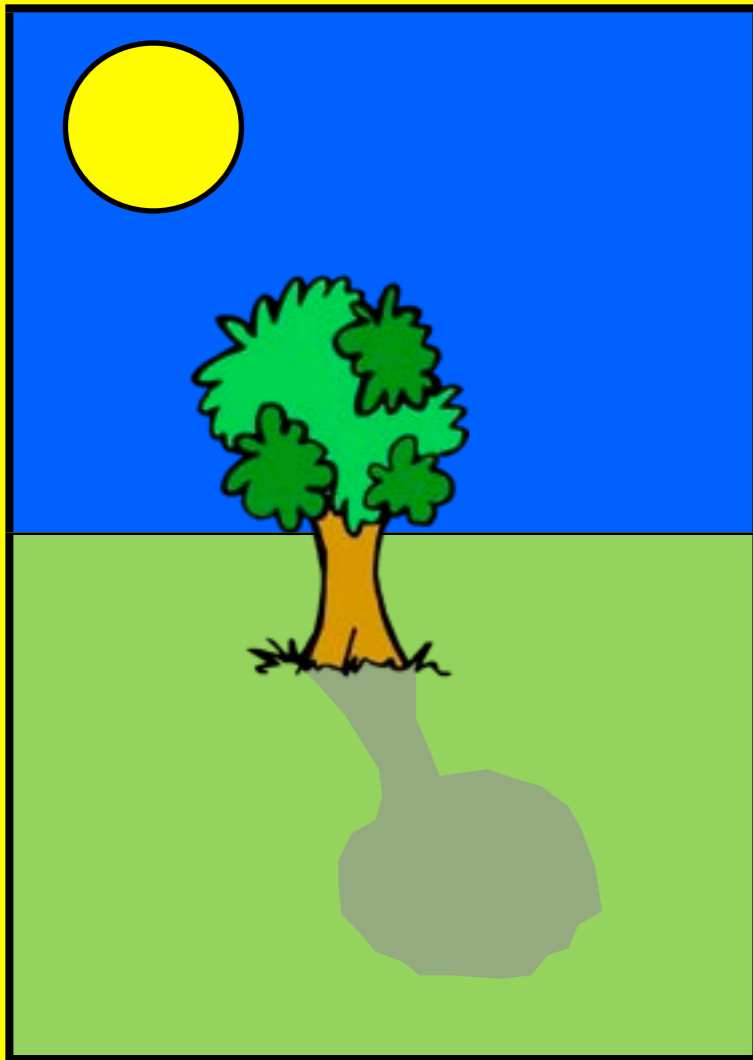
The toy duck wouldn't cast a shadow because it isn't blocking the light's path.



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

BACK

NEXT

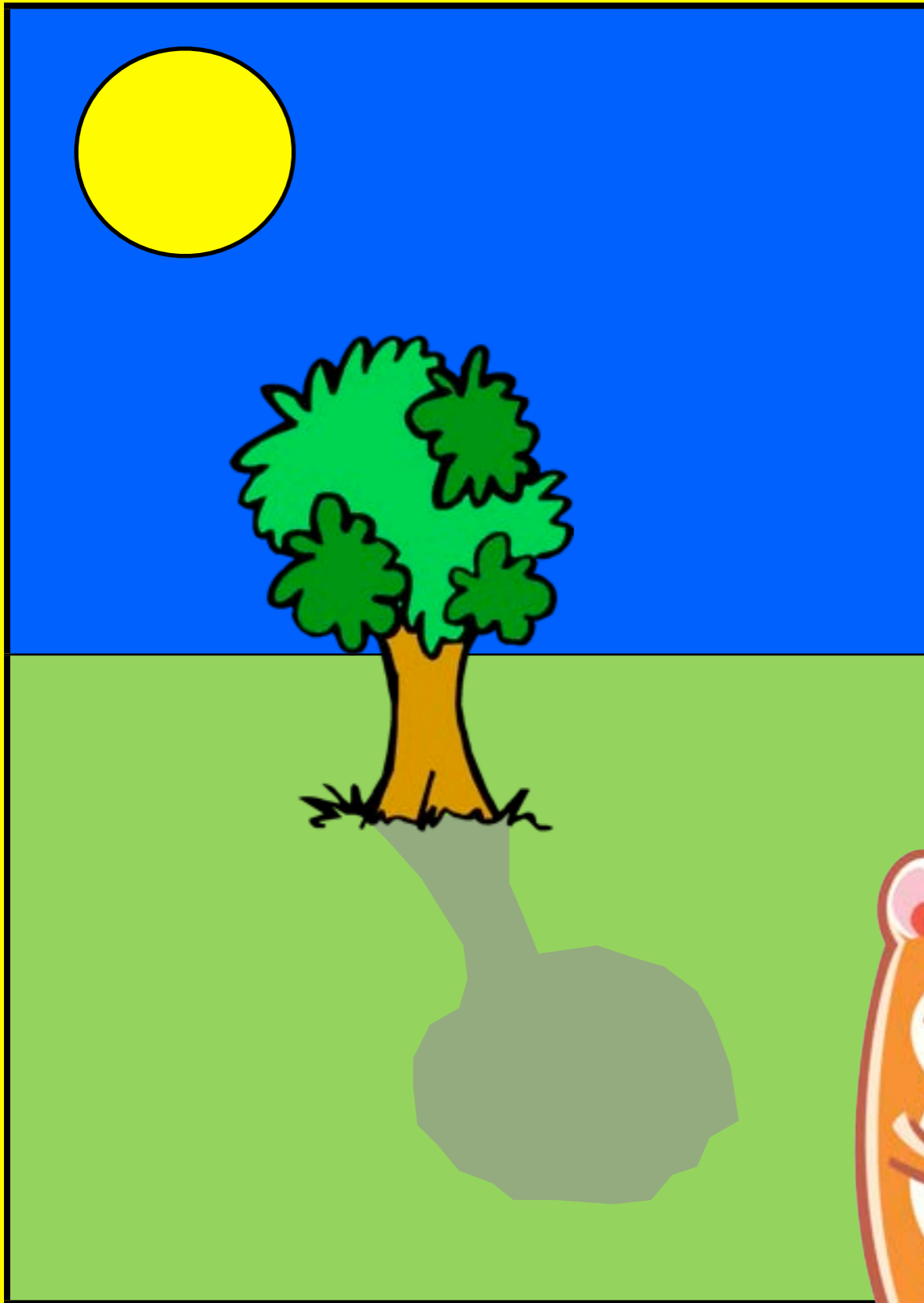


Which of these diagrams do you think is correct? Why?



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