

Inventing for Accessibility





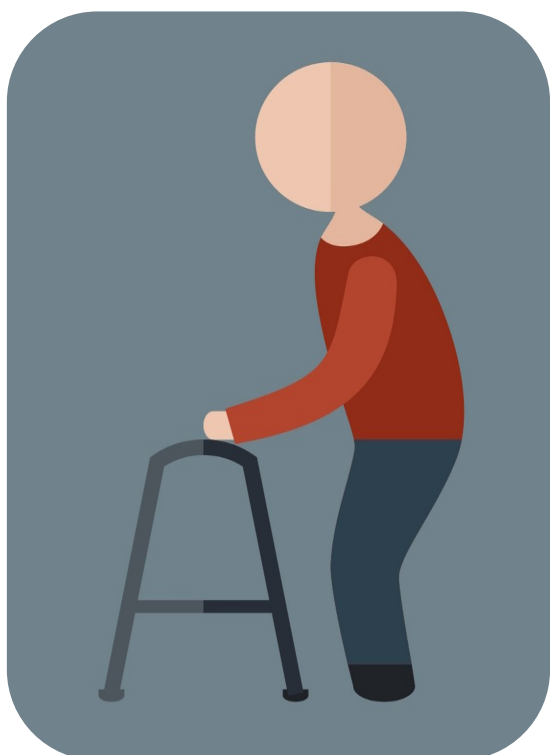
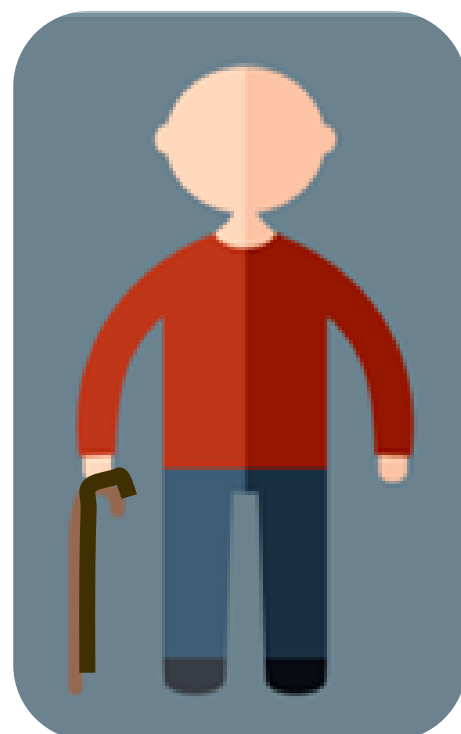
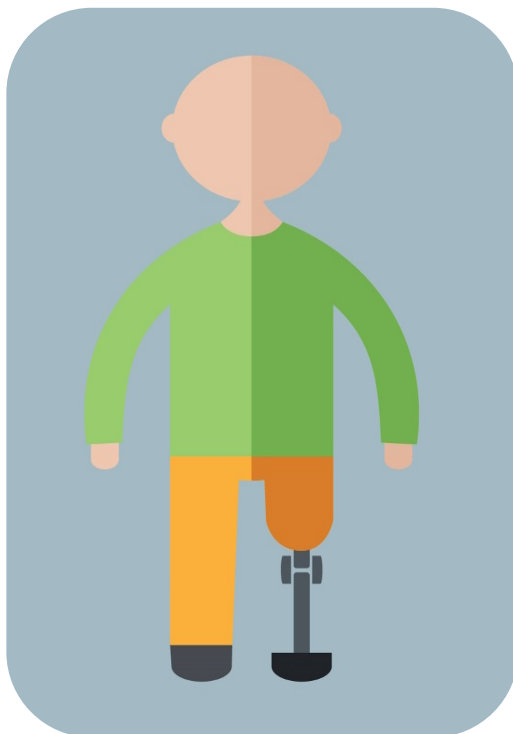
Most people have two legs and can walk and run.

But... do all people have two legs?
Can all people walk on two feet? Or run?

No, not everyone.

Some people have what is called a physical disability.
Or it could be called a mobility difference, because they
don't move in all the same ways other people do.

Luckily inventors have invented lots of things that help all people to move around. These are called mobility aids. Here are some examples.



We can also invent accommodations.

For example, we can change the design of buildings to make it easier for people to get into them and move around them.





Most people can see with their eyes and hear with their ears.

But... can everyone?

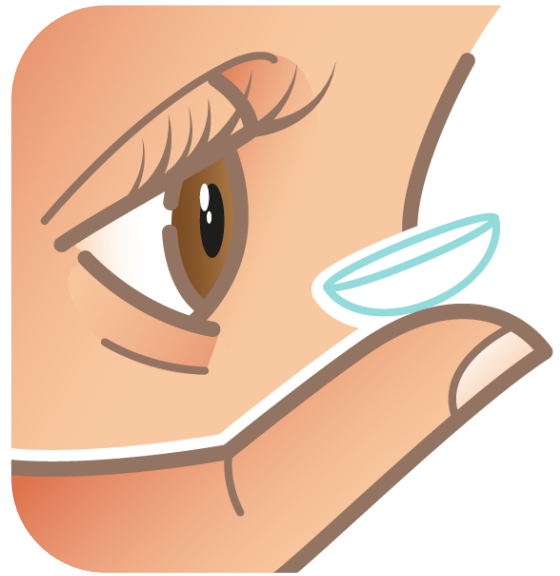
No, not everyone.

Some people can't see at all. They are called blind.

Some people can see with their eyes, but not very well.

Inventors have come up with lots of inventions to help people who have limited vision.

Here are some examples. Do you know anyone who uses any of these tools?



Some people can't hear at all. They are called deaf.

Some people can hear with their ears, but not very well. Inventors have come up with lots of inventions to help people who are have hearing impairments.



When someone's body works differently than most people's bodies, we often call this a disability—that word means they're not able to do things.

Another way to think about it is differently able—they may be able to do most things, but might do them differently than you do.



Another way to think about it is: able with accommodations. We can keep working to invent tools and create accommodations that make it easier for everyone to participate in all activities, even if they do things differently.



We can also notice when people around us need extra support, and we can offer to help them in the moment, then try to change things so it is easier in the future. That way everyone can participate!