

Visual Acuity

Visual acuity is a measure of how sharp or clear your vision is. You may have had your visual acuity tested with an eye chart like the one to the right.

Another way to measure visual acuity is to see how small a set of parallel lines you can still make out as lines, rather than as a smear of gray.

Instructions

Use the *See: The Neurosciences of our Senses* app along with the visual acuity chart on page 2.

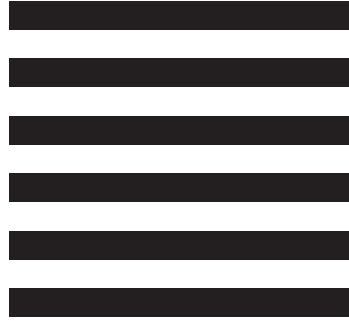
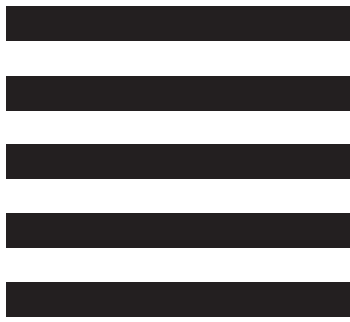
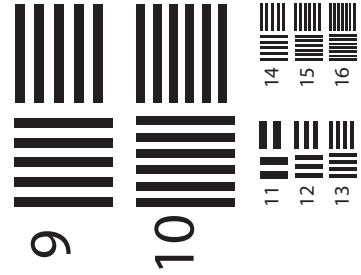
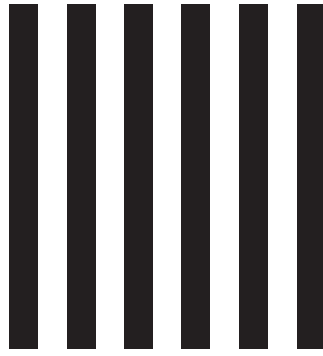
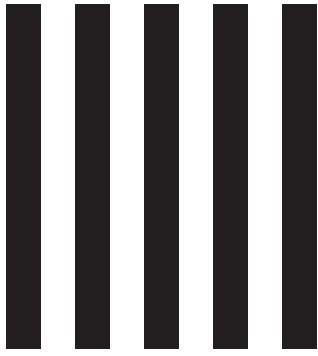
1. From within the app, choose an animal.
2. Point your camera at the chart so that the piece of paper fills the view. What is the thinnest set of lines that you can see clearly?
3. Repeat for the other animals.

Questions

How does the visual acuity of different animals compare?

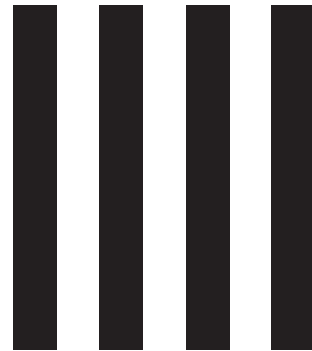
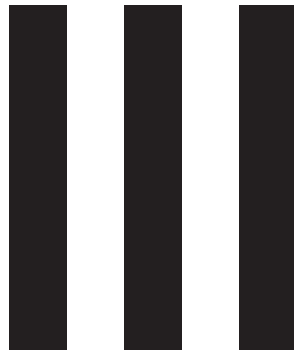
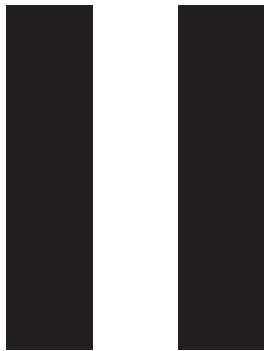
How does the anatomy of each animal's eye relate to how clearly they can see?

E	1	20/200
F P	2	20/100
T O Z	3	20/70
L P E D	4	20/50
P E C F D	5	20/40
E D F C Z P	6	20/30
F E L O P Z D	7	20/25
D E F P O T E C	8	20/20
L E F O D P C T	9	
F D P L T C E O	10	
F E Z O L C F T D	11	



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