

NOTE-TAKING METHODS

CORNELL

3/25 Anatomy 150 - Ch. 10

Notes

Right
The brain is a complex organ.
The brain has approx. 86 billion neurons which send information across the brain via electric pulses.
Weights approximately 3 lbs.
Divided into 4 lobes:
1. frontal - controls cognitive and motor functions and speech.
2. parietal - touch and body orientation.
3. temporal - vision and color.
4. occipital - hearing, language, memory.

Summary
The brain has 4 lobes that control all our bodily processes, voluntary and involuntary.

BOXING

3/25 **Notes** Anatomy 150 - Ch. 10

The Brain
The brain is a complex organ.
The brain weighs approx. 3 lbs.
The brain is divided into 4 lobes.

Abilities
Abilities send information across the brain via electric pulses.
There are approx. 86 billion neurons.

Lobes of the Brain
Frontal - controls cognitive and motor functions and speech.
Parietal - touch and body orientation.
Temporal - vision and color.
Occipital - hearing, language, memory.

Summary
The brain controls all our bodily processes, voluntary and involuntary.

SLIDES

3/25 Anatomy 150 - Ch. 10

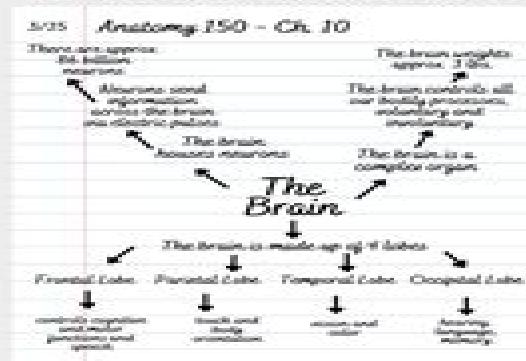
Notes

The Brain
1. The brain is a complex organ.
2. Weights approximately 3 lbs.
3. The brain controls all our bodily processes, voluntary and involuntary.

Abilities
2. The brain has approx. 86 billion neurons.
3. Abilities send information across the brain via electric pulses.

The 4 Lobes of the Brain
frontal - controls cognitive and motor functions and speech.
parietal - touch and body orientation.
temporal - vision and color.
occipital - hearing, language, memory.

MINDMAPPING / FLOW



OUTLINE

3/25 **Notes** Anatomy 150 - Ch. 10

The Brain

- 1. The brain is a complex organ.
- 2. The brain controls all our bodily processes, voluntary and involuntary.
- 3. The brain has approx. 86 billion neurons which send information across the brain via electric pulses.
- 4. Weights approximately 3 lbs.

Parts of the Brain

- 1. Divided into 4 lobes.
- 2. frontal - controls cognitive and motor functions and speech.
- 3. parietal - touch and body orientation.
- 4. temporal - vision and color.
- 5. occipital - hearing, language, memory.

CHARTING

3/25 **Notes** Anatomy 150 - Ch. 10

Part	Subject?	Details
The Brain	The brain is a complex organ.	The brain controls all our bodily processes, voluntary and involuntary. The brain weighs approx. 3 lbs.
Abilities	Abilities send information across the brain via electric pulses.	There are approx. 86 billion neurons.
Lobes of the Brain	The brain is made up of 4 lobes	frontal - controls cognitive and motor functions and speech. parietal - touch and body orientation. temporal - vision and color. occipital - hearing, language, memory.

SENTENCE

3/25 **Notes** Anatomy 150 - Ch. 10

1. The brain is a complex organ.
2. The brain controls all our bodily processes, voluntary and involuntary.
3. The brain has approx. 86 billion neurons.
4. Abilities send information across the brain via electric pulses.
5. The brain weighs approximately 3 lbs.
6. It is also divided into 4 lobes.
7. The frontal lobe controls cognitive and motor functions and speech.
8. The parietal lobe controls touch and body orientation.
9. The temporal lobe controls our vision and color perception.
10. The occipital lobe controls hearing, language and memory.

BRAIN DUMP

3/25 **Notes** Anatomy 150 - Ch. 10

Brain Dump

Complex organ.
Controls all our bodily processes, voluntary and involuntary.
Weights approximately 3 lbs.

Approx. 86 billion neurons.
Send information across the brain via electric pulses.
Weights approximately 3 lbs.

4 lobes:
frontal lobe controls cognitive and motor functions and speech.
parietal lobe controls touch and body orientation.
temporal lobe controls our vision and color perception.
occipital lobe controls hearing, language and memory.

BULLET

Notes Anatomy 150 - Ch. 10

The Brain

- 1. The brain is a complex organ.
- 2. Weights approximately 3 lbs.
- 3. Abilities send information across the brain via electric pulses.

The 4 Lobes of the Brain

- 1. frontal - controls cognitive and motor functions and speech.
- 2. parietal - touch and body orientation.
- 3. temporal - vision and color.
- 4. occipital - hearing, language, memory.



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web r_a roughness average in micrometers or microinches rms root mean square in microinches cla center line average in microinches r_t roughness total in microns n new iso grade scale numbers cut off length length required for sample

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web conversions math cla micro inches multiply r_a μm x 40 r_t $r_a x$ 8 7 r_z $r_a x$ 7 2 r_z iso $r_a x$ 7 6 r_{max} $r_a x$ 8 0 r_p $r_a x$ 3 6 rpm $r_a x$ 2 9 rms $r_a x$ 1 1 example r_a to r_t 1 0 micrometer $r_a x$ 8 7 r_t factor 8 7 micrometer r_t 40 microinch $r_a x$ 8 7 r_t factor 348 microinch r_t

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web may 1 2016 it is important to note that using conversion factors to calculate between ra and rz is not a good idea it is best to establish what figure for surface roughness the designer customer has specified and measure this

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