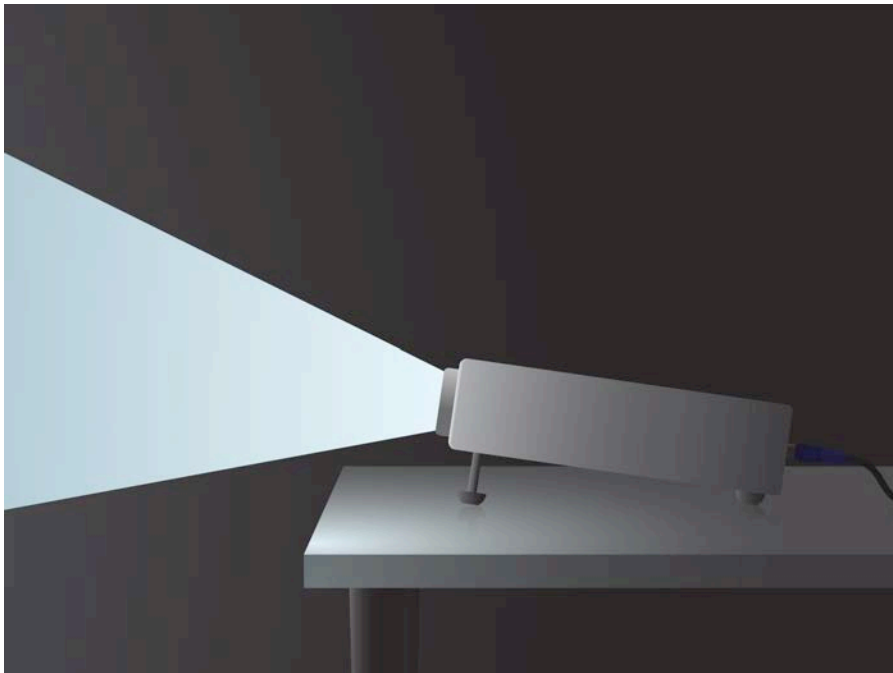


# Level B

## Displays





# Unit Displays



## Level B Displays

The display booklet is provided for teachers without the means to project the CD PowerPoint displays. Displays that occur multiple times in a unit appear once in the booklet and are labeled by unit instead of individual reference codes.

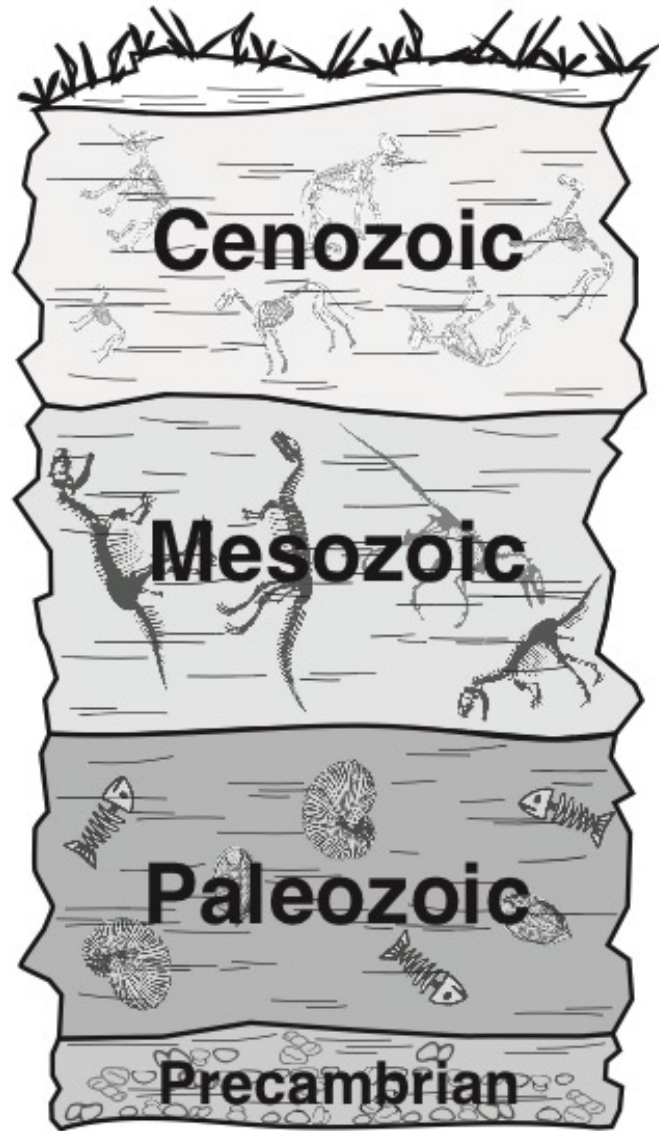
Here is a chart that specifies when each of the unit-labeled displays is to be presented.

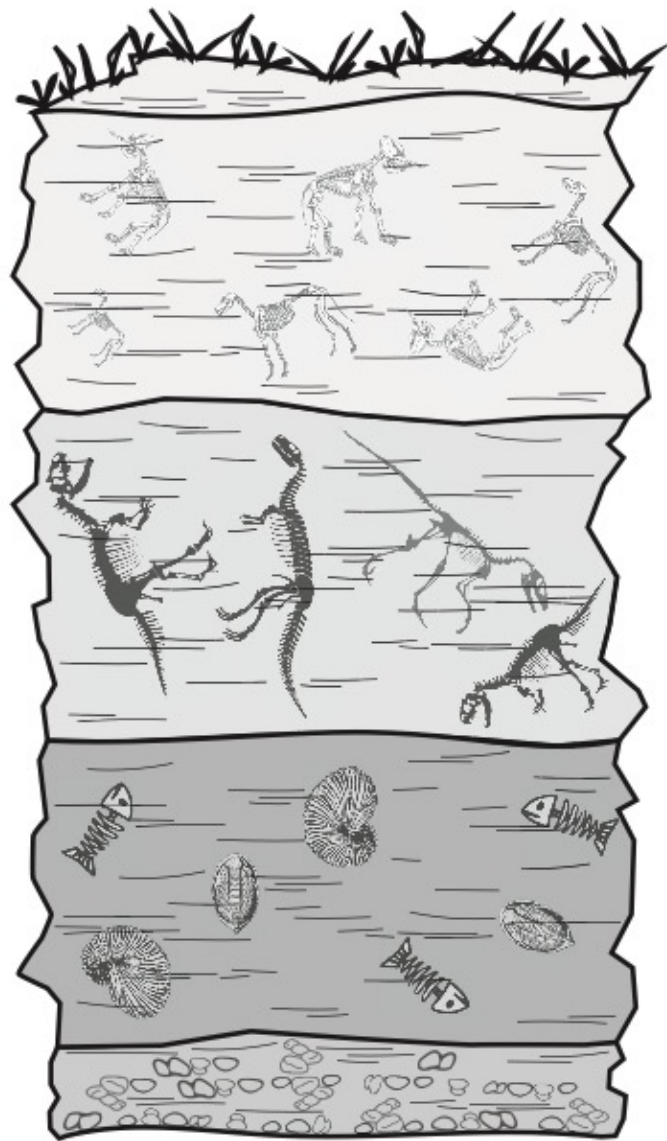
<b>Unit</b>	<b>Lessons</b>	<b>Charts</b>	<b>Reference Code</b>
<b>1</b>	1–3, 5–12	Dinosaur Chart	<b>1:1A-B, 1:2A-B, 1:3A, 1:5A-D, 1:6A, 1:7A, 1:8A-F, 1:9A-D, 1:10A-B, 1:11A, 1:12A</b>
<b>3</b>	1–4		<b>3:1A-B, 3:2A-B, 3:3A-D, 3:4A</b>
<b>4</b>		Muscles Chart	<b>4:1A-B, 4:2A-C, 4:3A-D, 4:4A, 4:5A, 4:6A, 4:7A, 4:9A-D, 4:10A-B, 4:11A-B, 4:12A-C, 4:13A-B, 4:14A-B, 4:15A-C, 4:16A-B, 4:17A</b>
<b>5</b>	1–10		<b>5:1A, 5:2A-I, 5:3A-B, 5:4A-B, 5:5A-E, 5:6A-B, 5:7A-E, 5:8A-C, 5:9A-D, 5:10A-B</b>
<b>6</b>	1–4, 7–9		<b>6:1A-D, 6:2A-C, 6:3A-E, 6:4A-C, 6:7A-B, 6:8A-B, 6:9A-B</b>
<b>8</b>	5, 9		<b>8:5A, 8:9A</b>
<b>9</b>	1–9	Circulatory Chart Heart Charts	<b>9:1A, 9:2A, 9:3A, 9:4A, 9:5A, 9:6A, 9:7A, 9:8A, 9:9A</b>



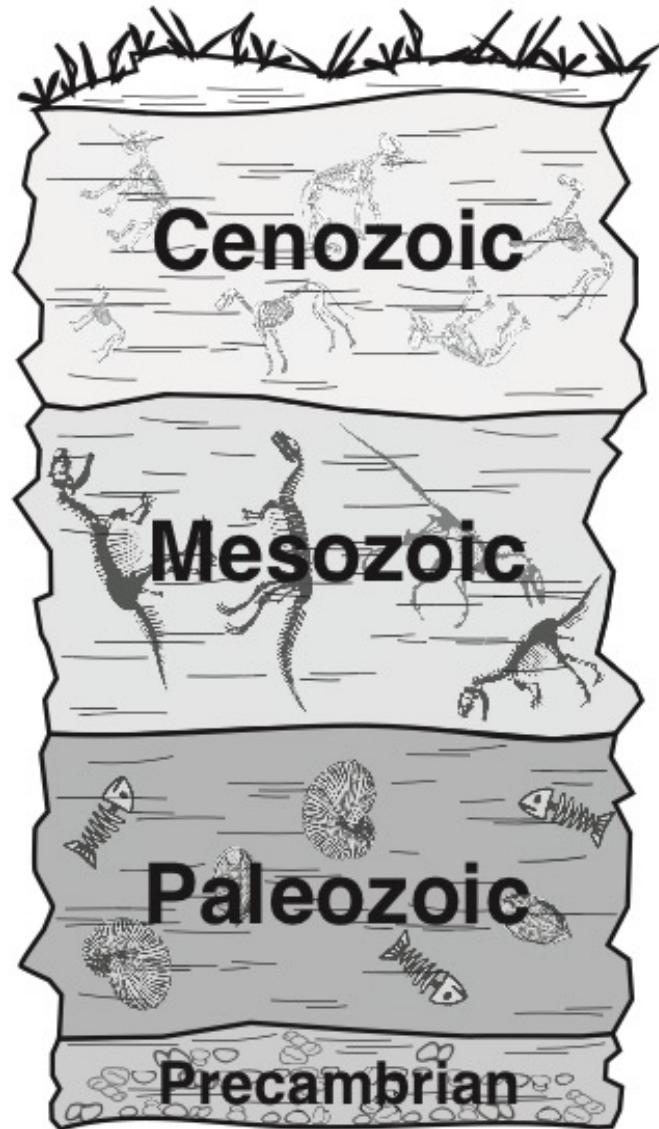
<b>10</b>		Nervous System Chart	<b>10:1A, 10:2A-B, 10:3A-C, 10:4A, 10:5A</b>
<b>11</b>	1-2, 4-10	Water Cycle Chart Relative Humidity Chart	<b>11:1A, 11:2A, 11:4A, 11:5A-C, 11:6A-B, 11:7A-B, 11:8A-C, 11:9A-B, 11:10A</b>
<b>12</b>	1-5	Earth Chart Rocks Chart	<b>12:1A, 12:2A, 12:3A, 12:4A, 12:5A</b>
<b>13</b>	1-6	Solid Waste Charts Liquid Waste Charts	<b>13:1A, 13:2A, 13:3A, 13:4A-B, 13:5A, 13:6A</b>
<b>14</b>	1-2, 4	Human Teeth Chart Animal Teeth Chart	<b>14:1A, 14:2A, 14:4A,</b>





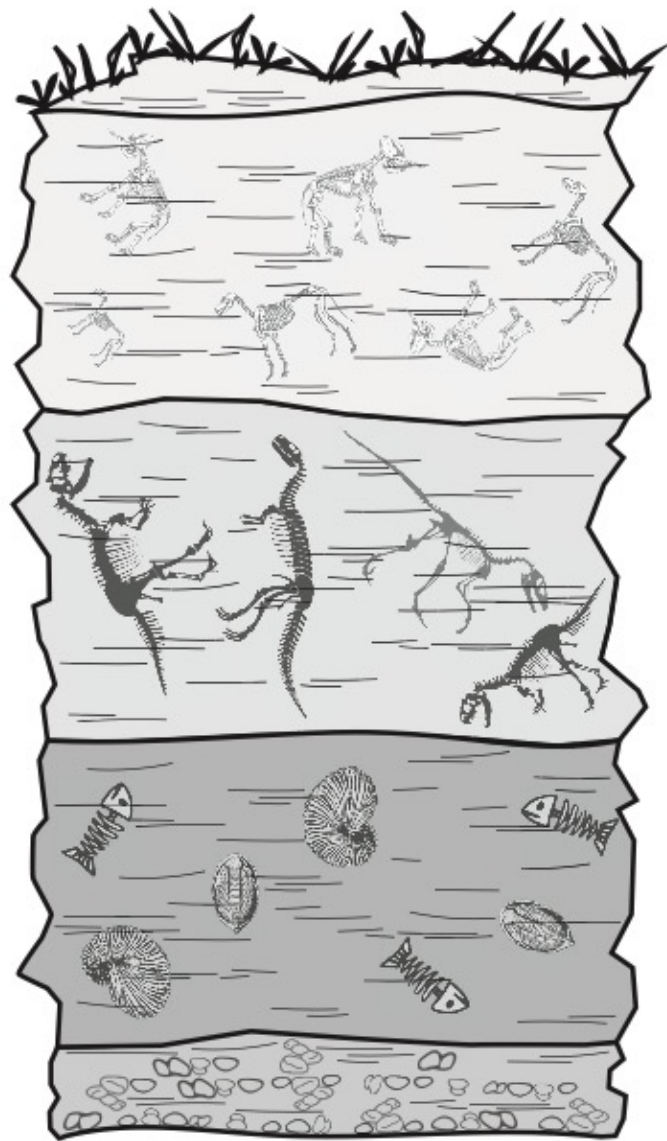


[1:1B]

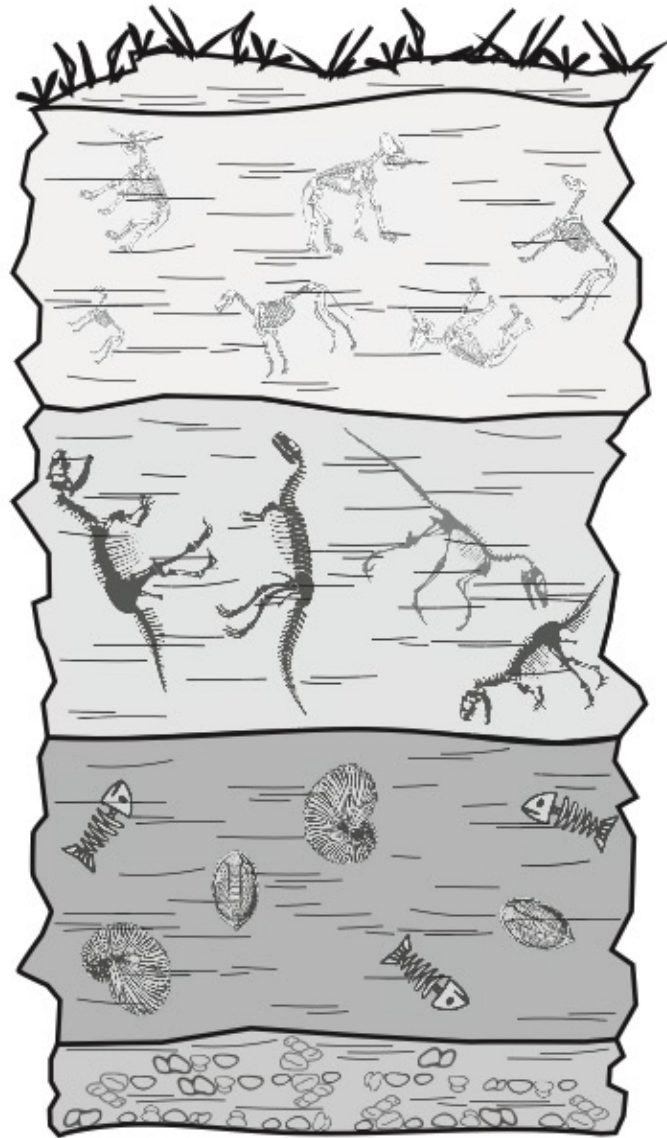


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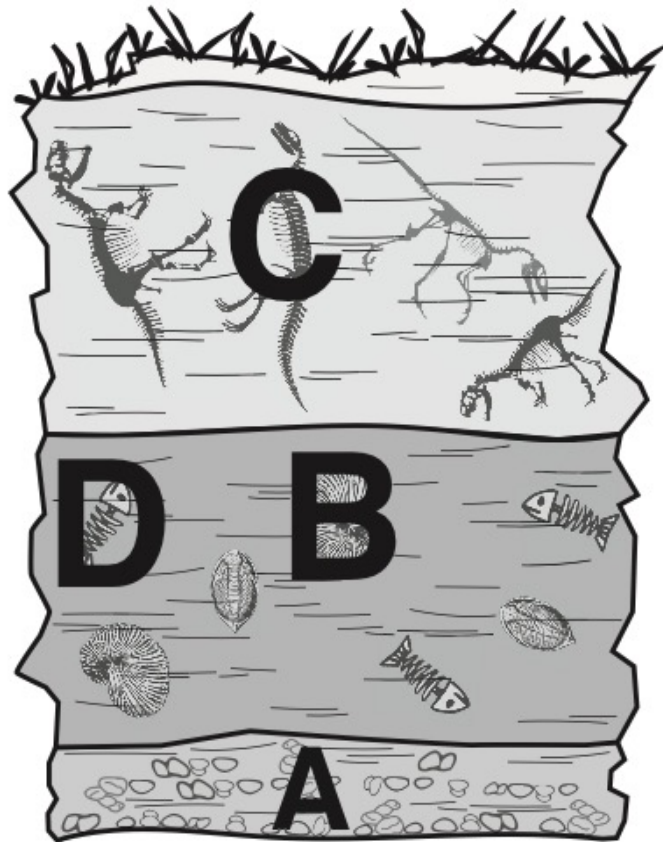




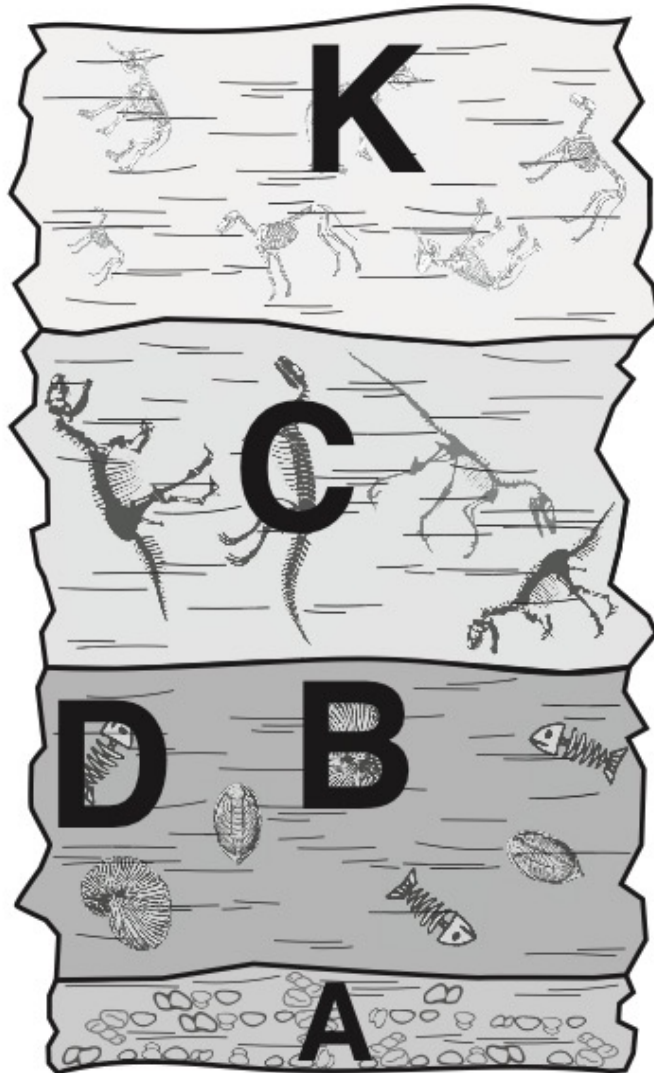
[1:2B]



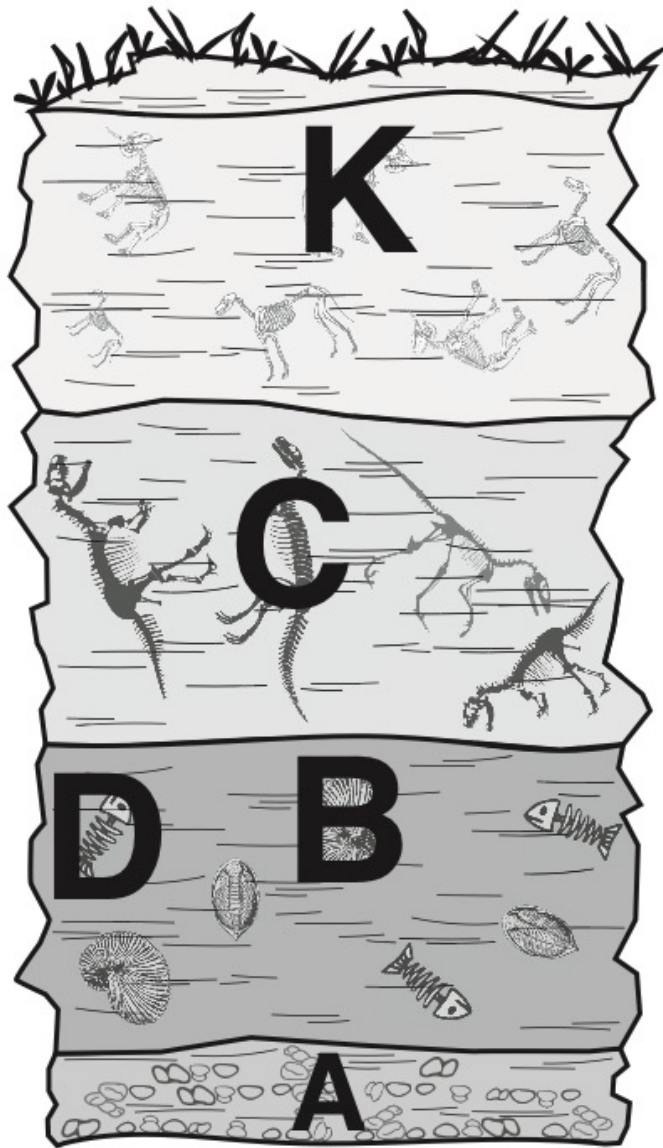
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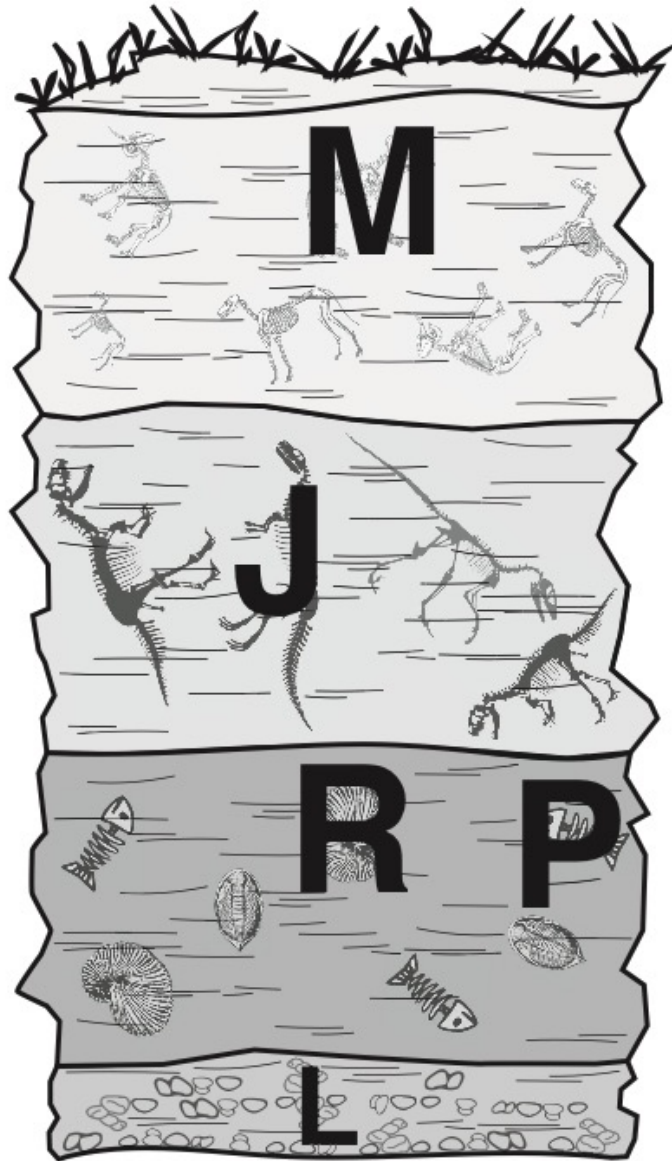
[1:5A]



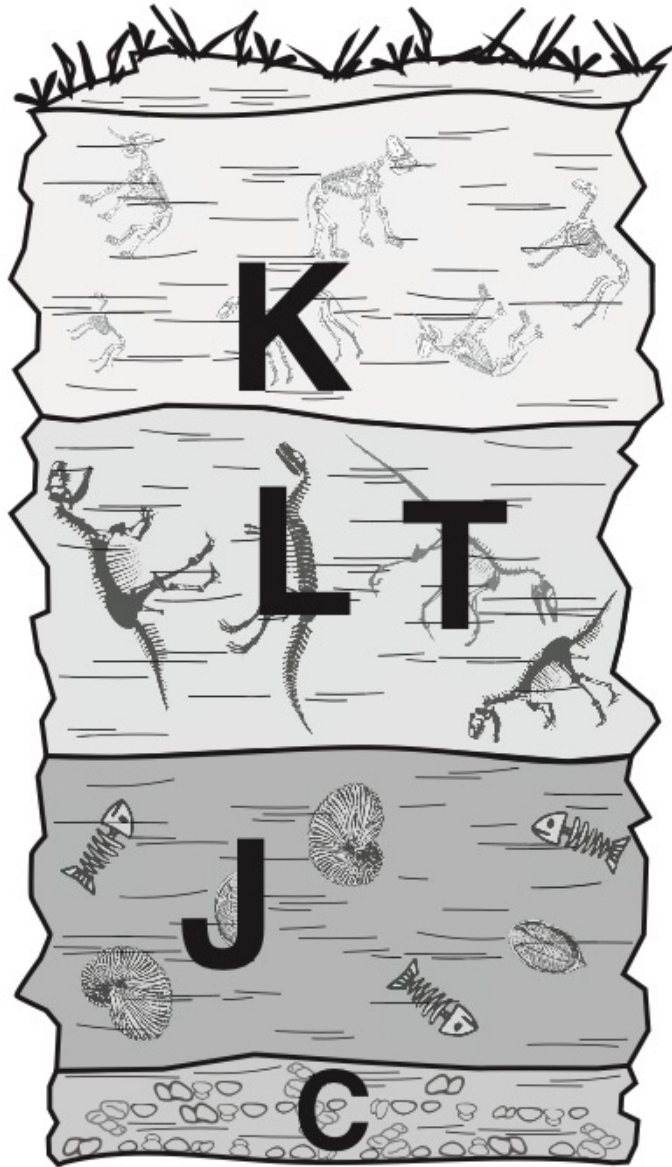
[1:5B]



[1:5C]



[1:5D]

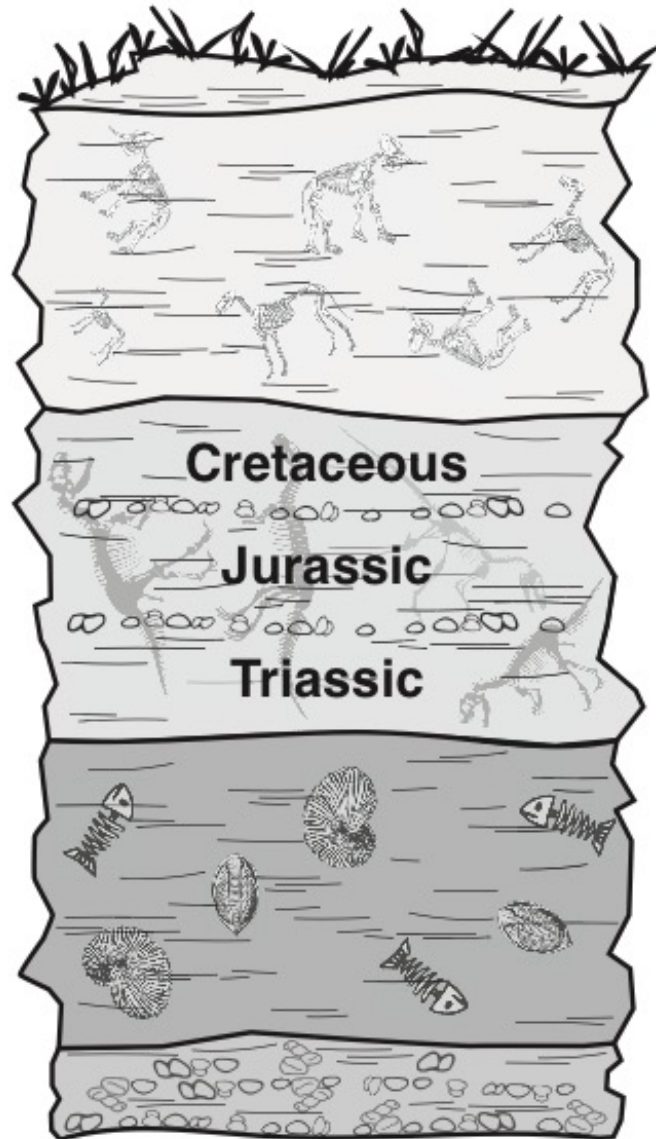


**carnivorous**

**herbivorous**



# Mesozoic



[1:8A]

Jurassic

Cretaceous

Triassic

---

Cretaceous

---

Jurassic

---

Triassic

---

---

Cretaceous

---

Jurassic

---

Triassic

---

P

---

Cretaceous

T

---

Jurassic

---

Triassic

P

---

---

Cretaceous T

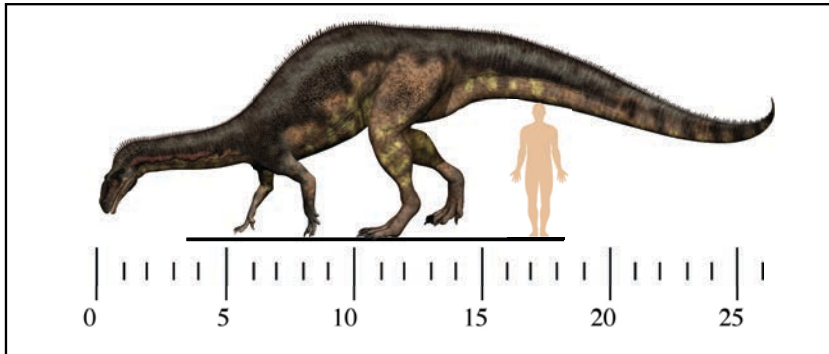
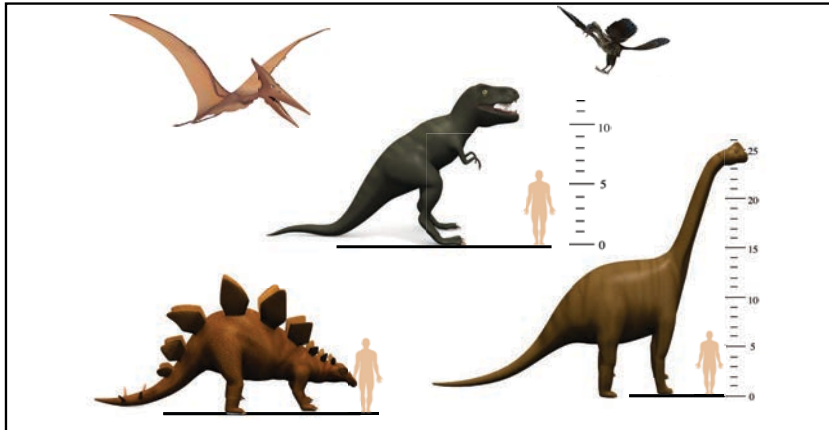
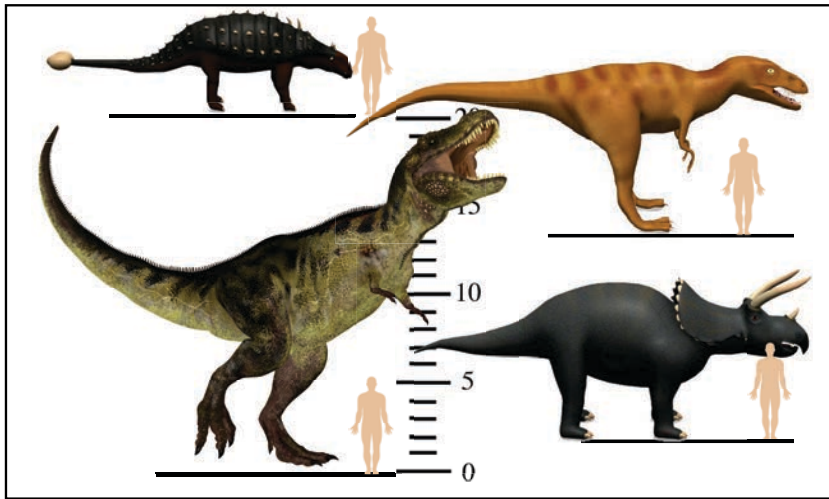
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Jurassic Ap Al

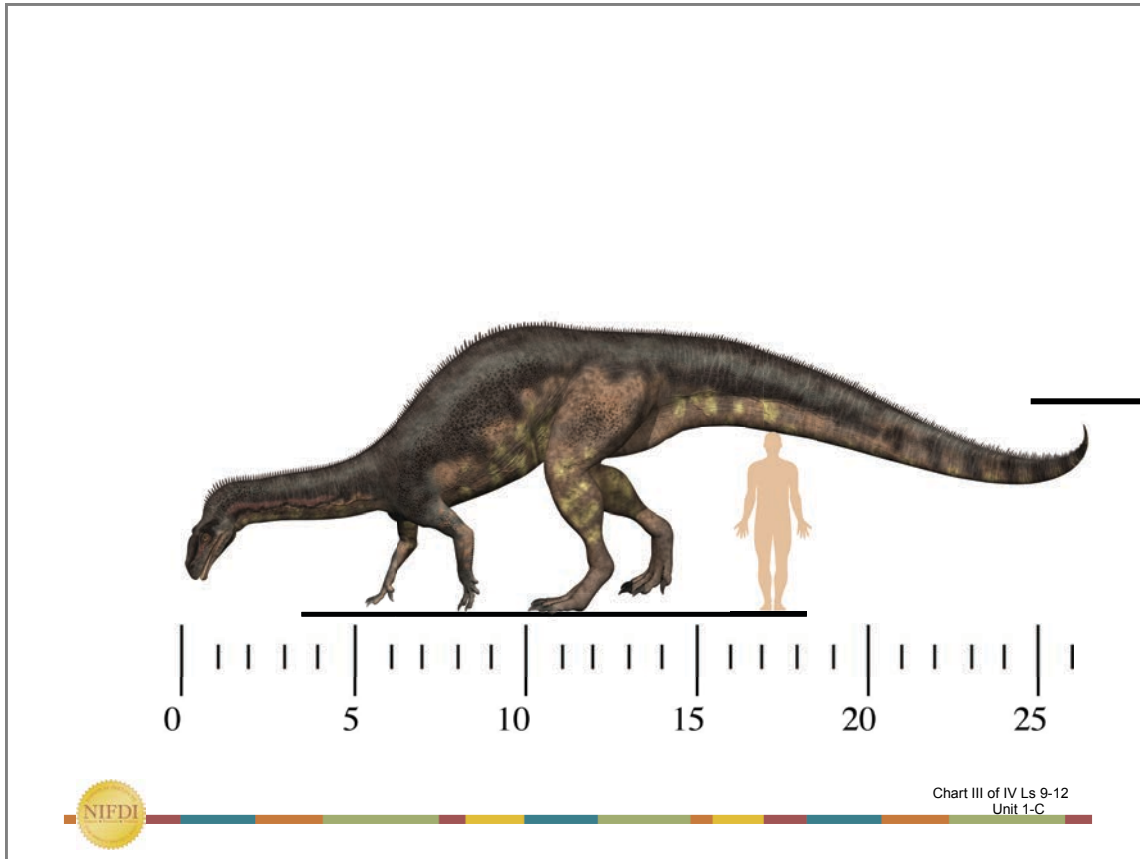
---

Triassic P

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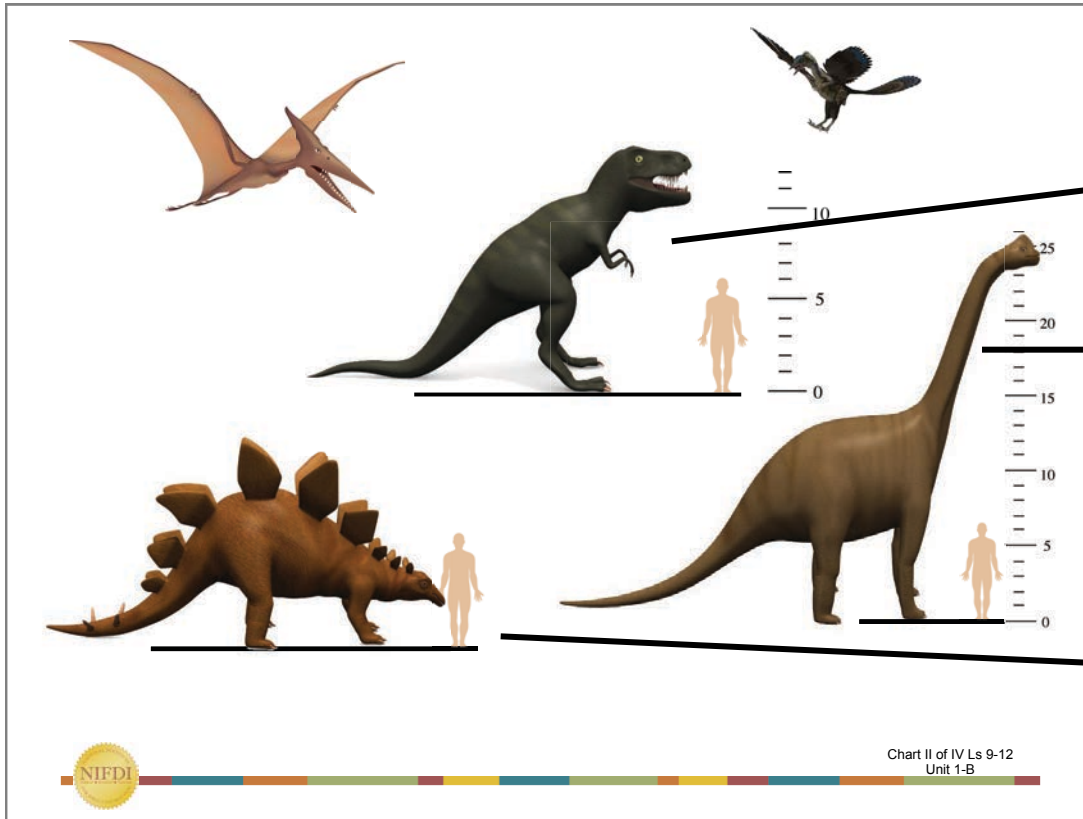
- Allosaurus
- Ankylosaurus
- Apatosaurus
- Cretaceous
- Iguanodon
- Jurassic
- Plateosaurus
- Stegosaurus
- Triassic
- Triceratops
- Tyrannosaurus



Plateosaurus

[1:9B]





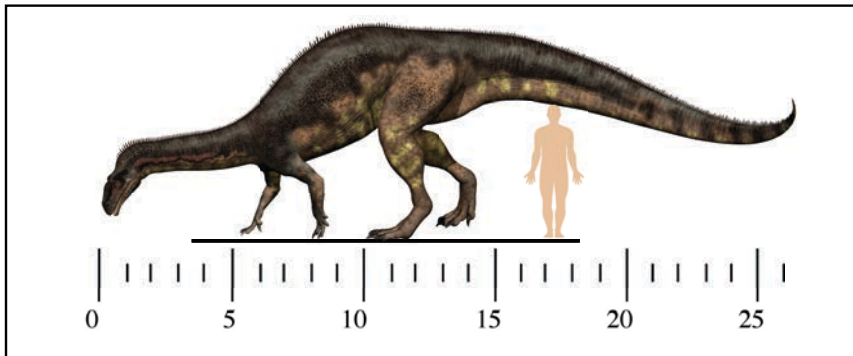
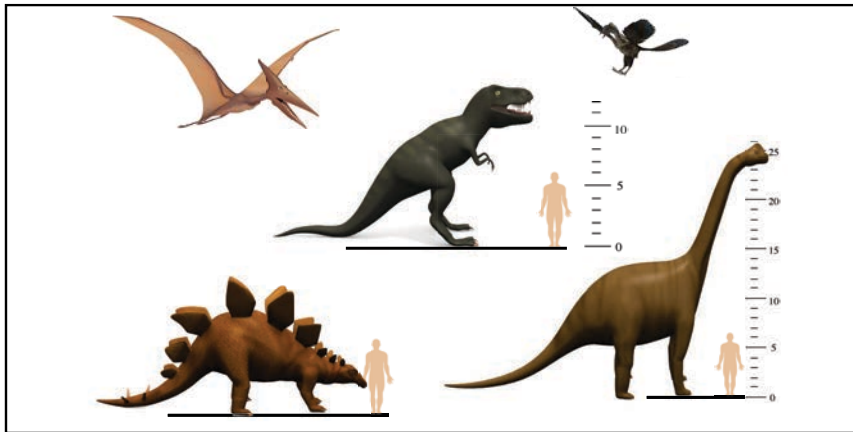
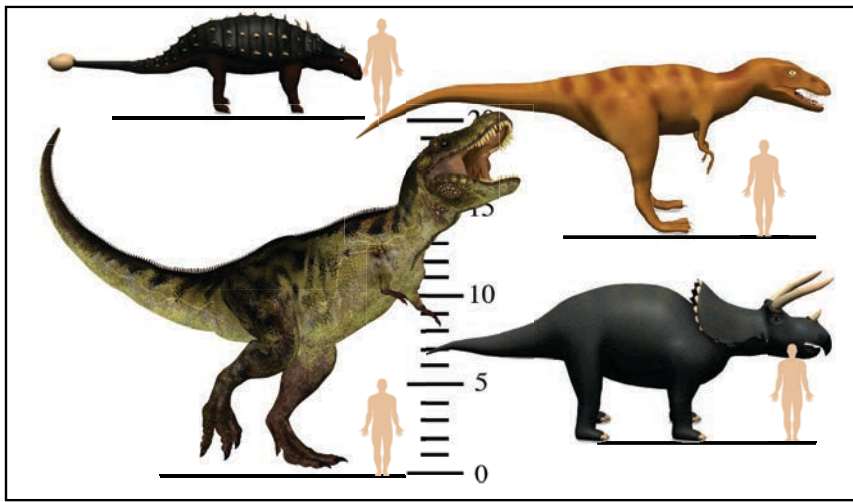
Allosaurus

Apatosaurus

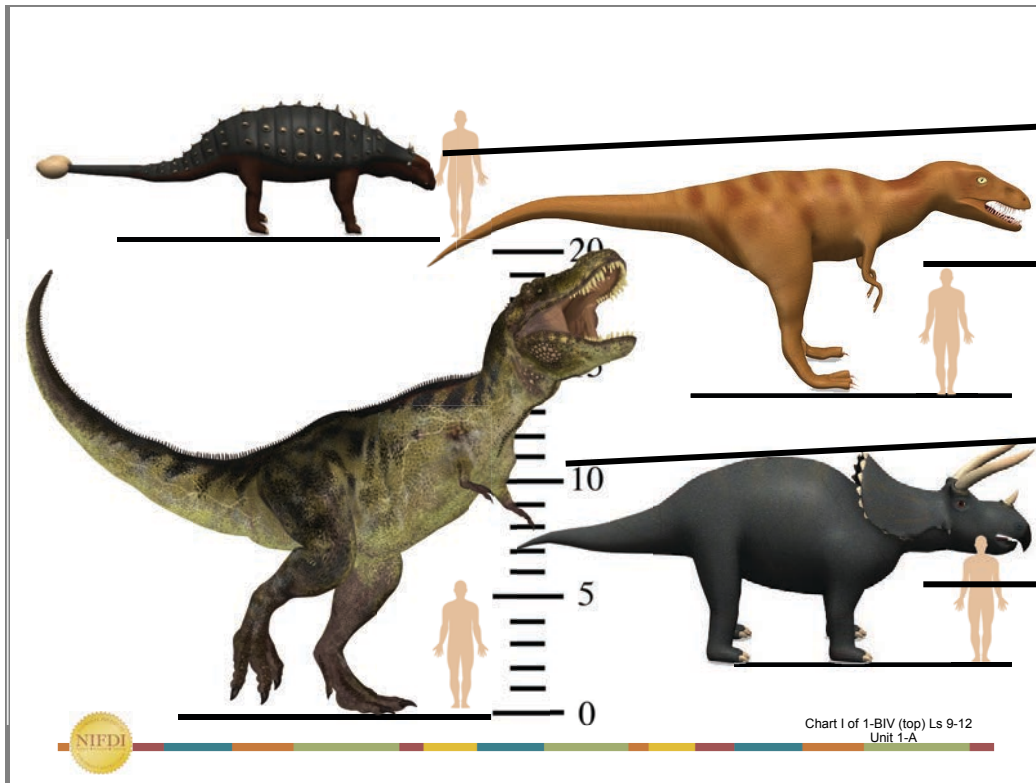
Stegosaurus

NIFDI

Chart II of IV Ls 9-12  
Unit 1-B



- Allosaurus
- Ankylosaurus
- Apatosaurus
- Cretaceous
- Iguanodon
- Jurassic
- Plateosaurus
- Stegosaurus
- Triassic
- Triceratops
- Tyrannosaurus

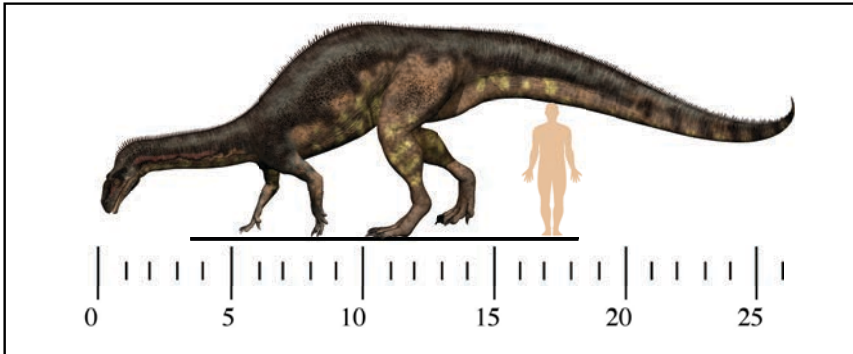
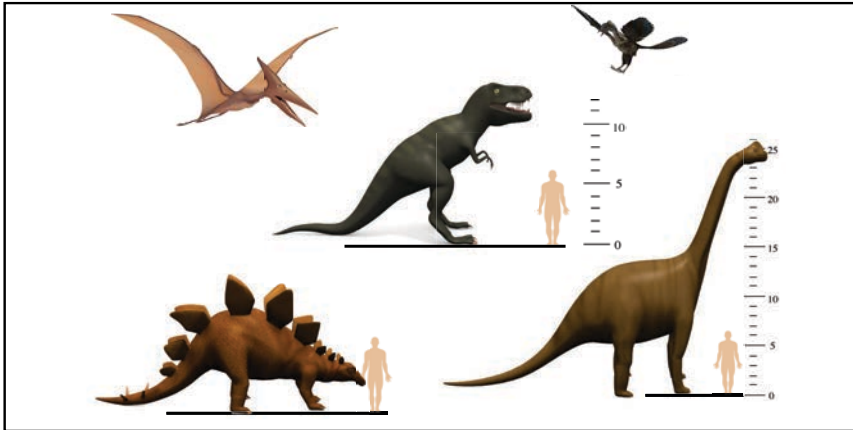
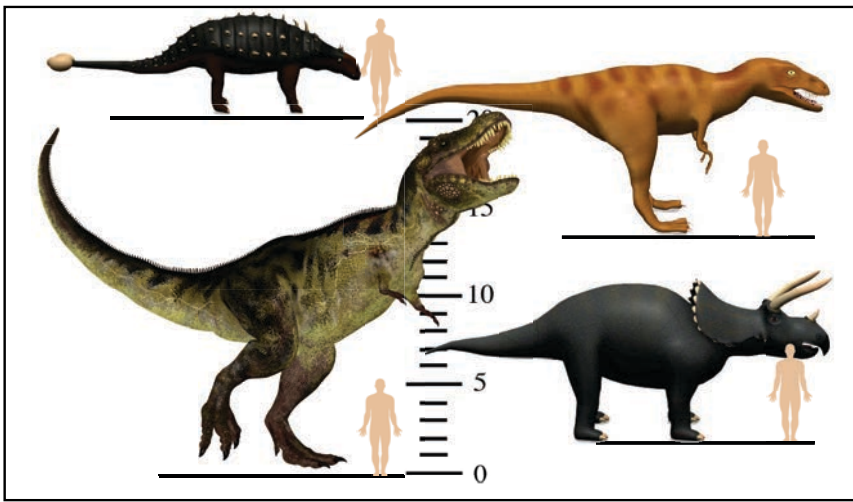


Ankylosaurus

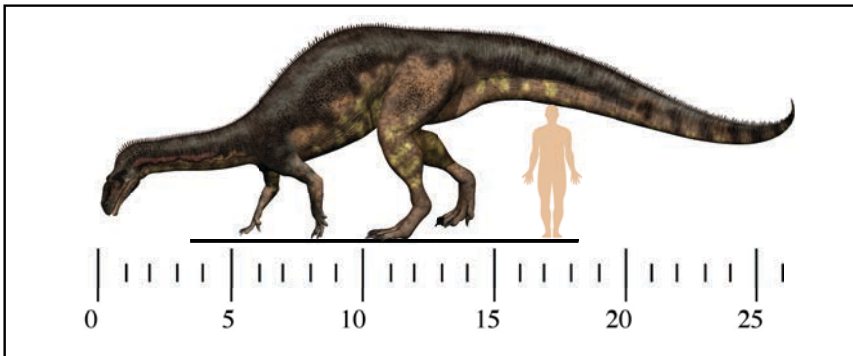
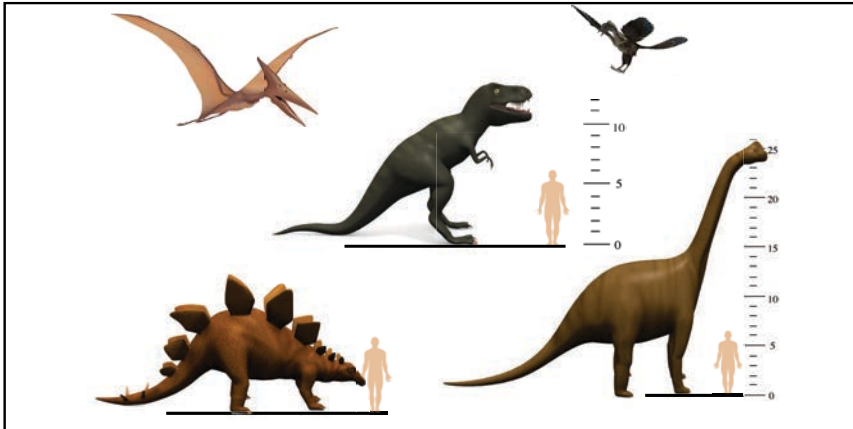
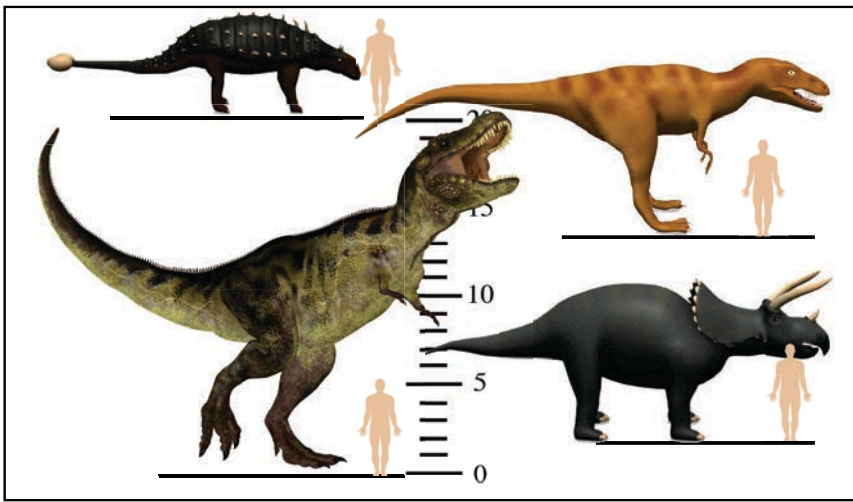
Iguanodon

Tyrannosaurus

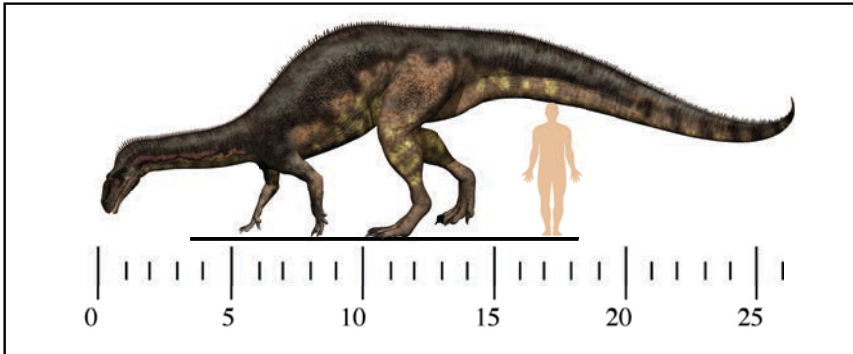
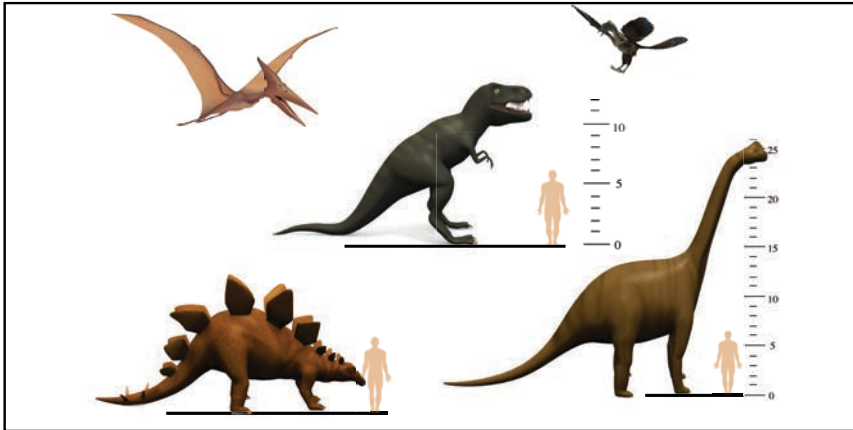
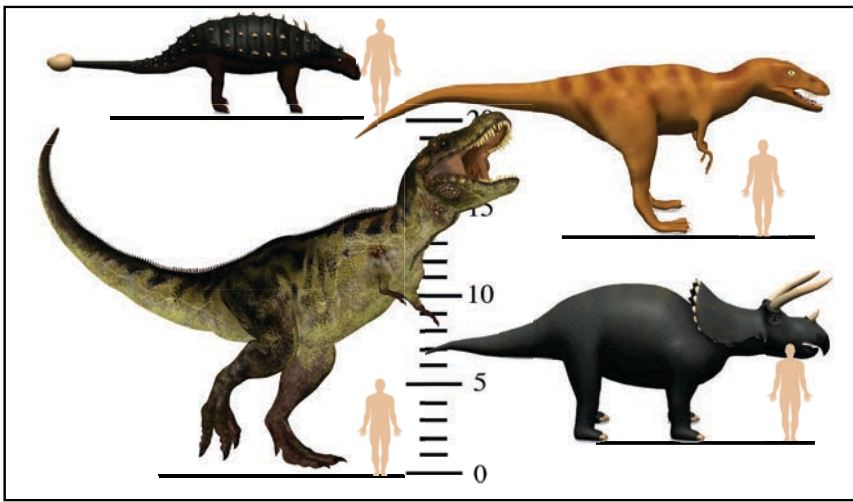
Triceratops



- Allosaurus
- Ankylosaurus
- Apatosaurus
- Cretaceous
- Iguanodon
- Jurassic
- Plateosaurus
- Stegosaurus
- Triassic
- Triceratops
- Tyrannosaurus



- Allosaurus
- Ankylosaurus
- Apatosaurus
- Cretaceous
- Iguanodon
- Jurassic
- Plateosaurus
- Stegosaurus
- Triassic
- Triceratops
- Tyrannosaurus



- Allosaurus
- Ankylosaurus
- Apatosaurus
- Cretaceous
- Iguanodon
- Jurassic
- Plateosaurus
- Stegosaurus
- Triassic
- Triceratops
- Tyrannosaurus



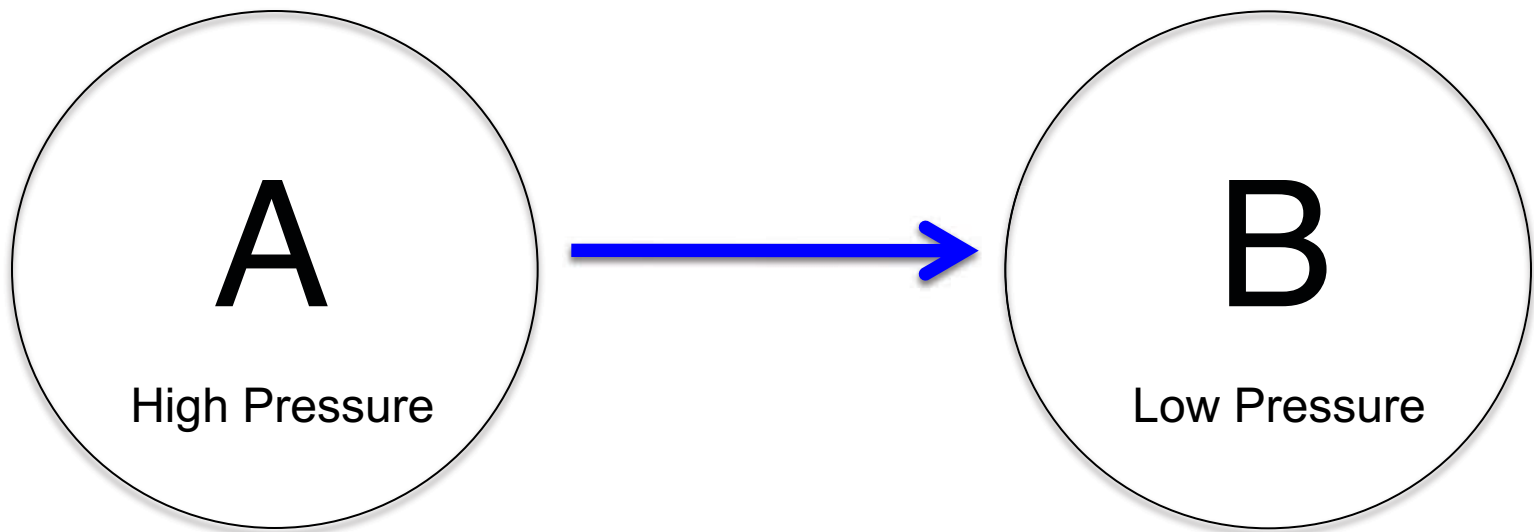
**A**

High Pressure

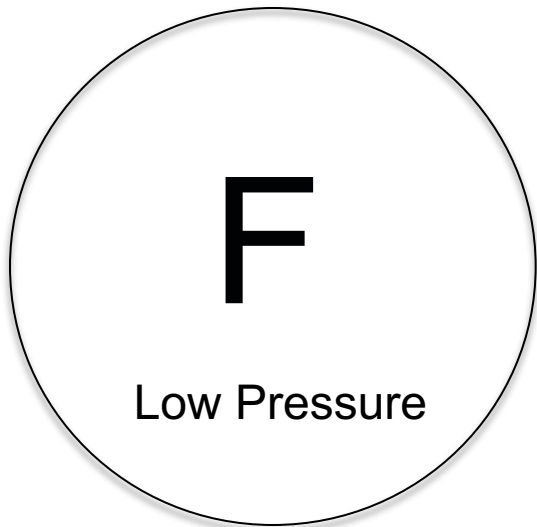


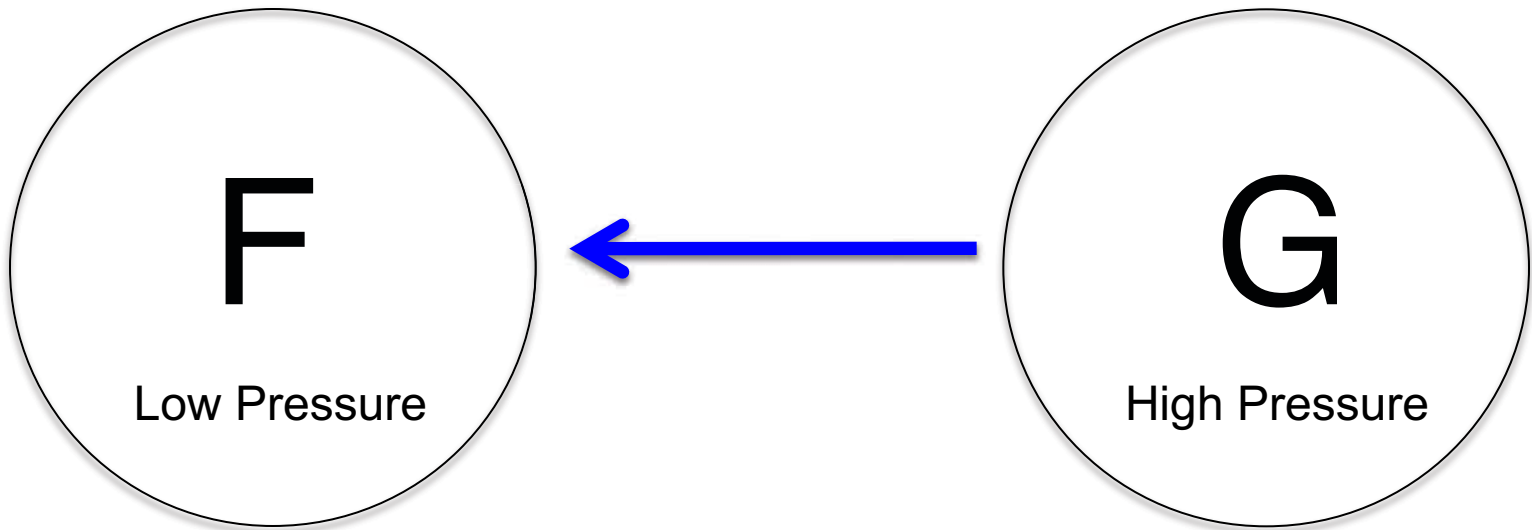
**B**

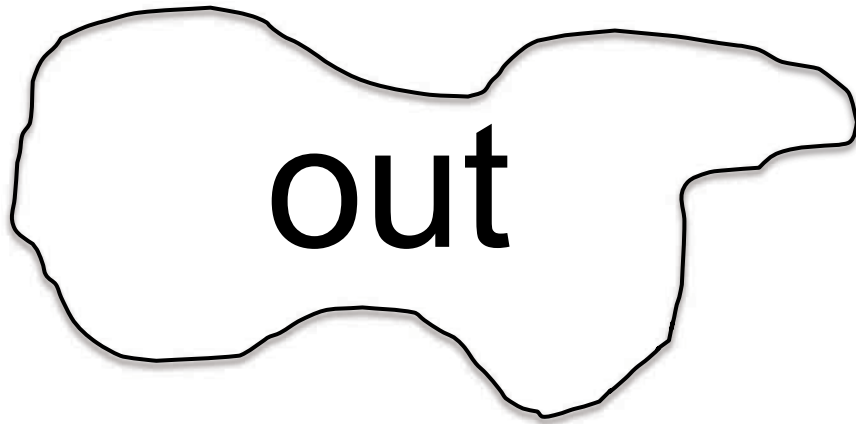
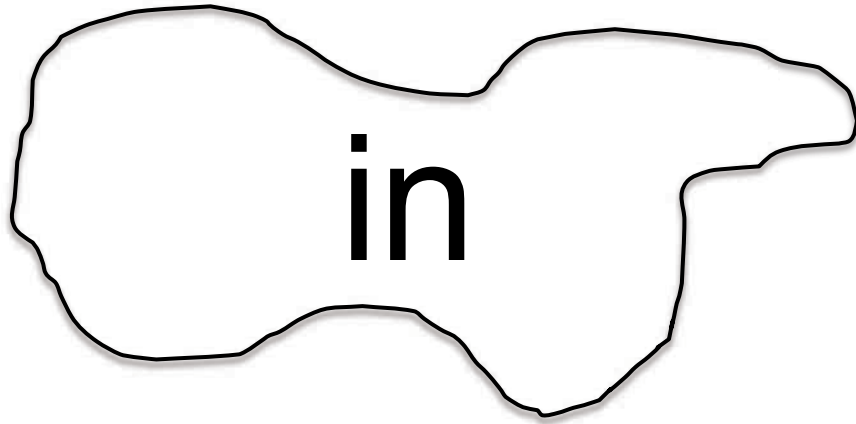
Low Pressure

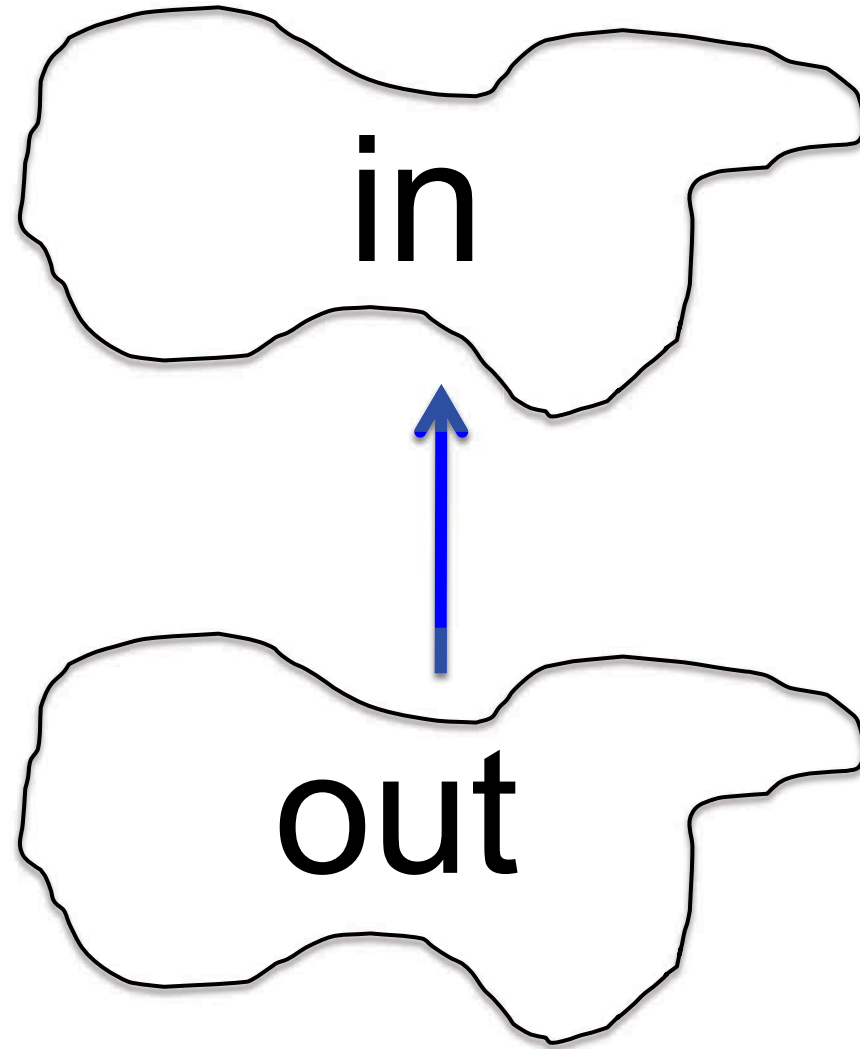


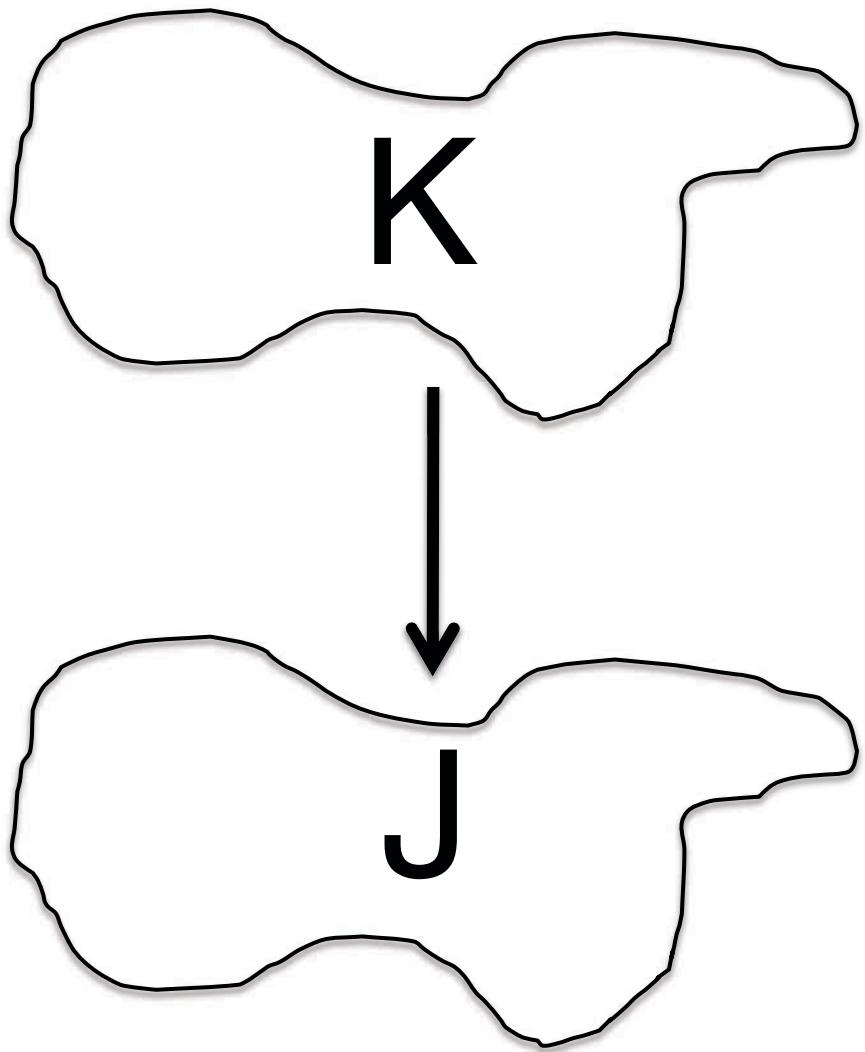


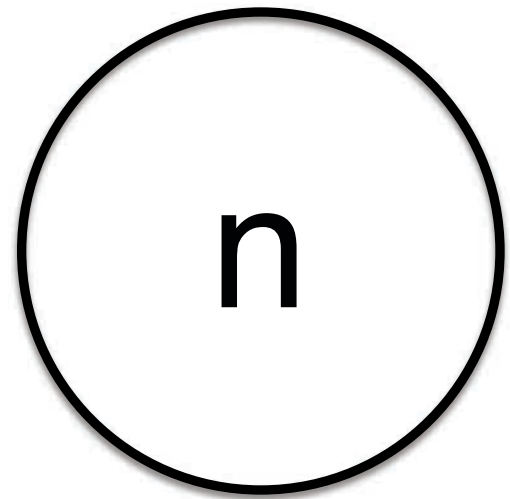
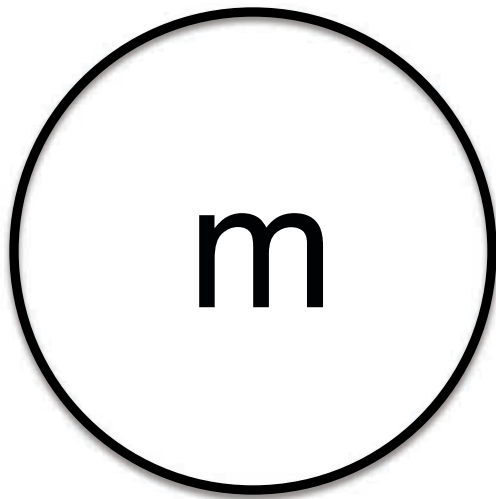


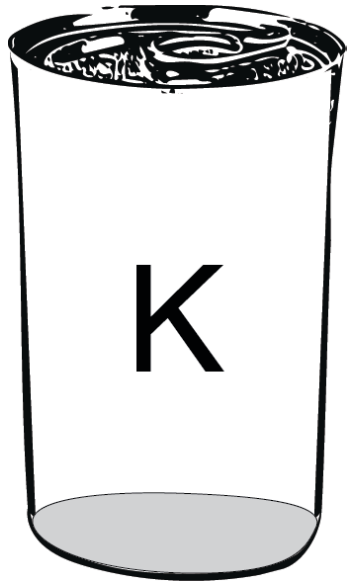






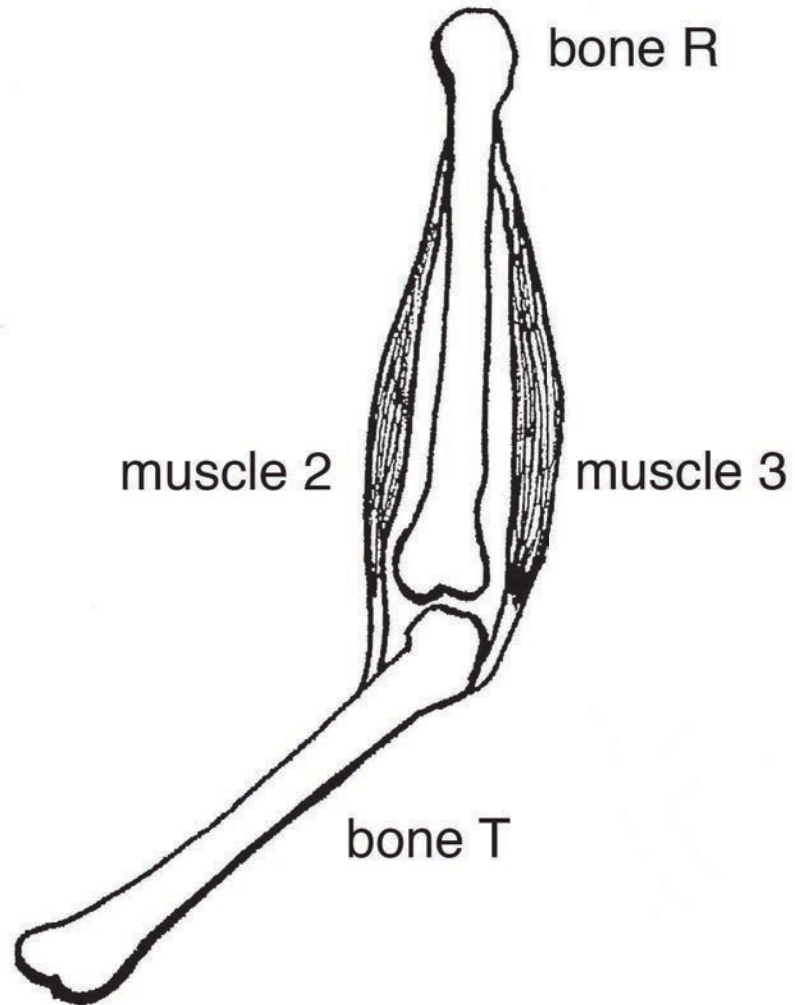




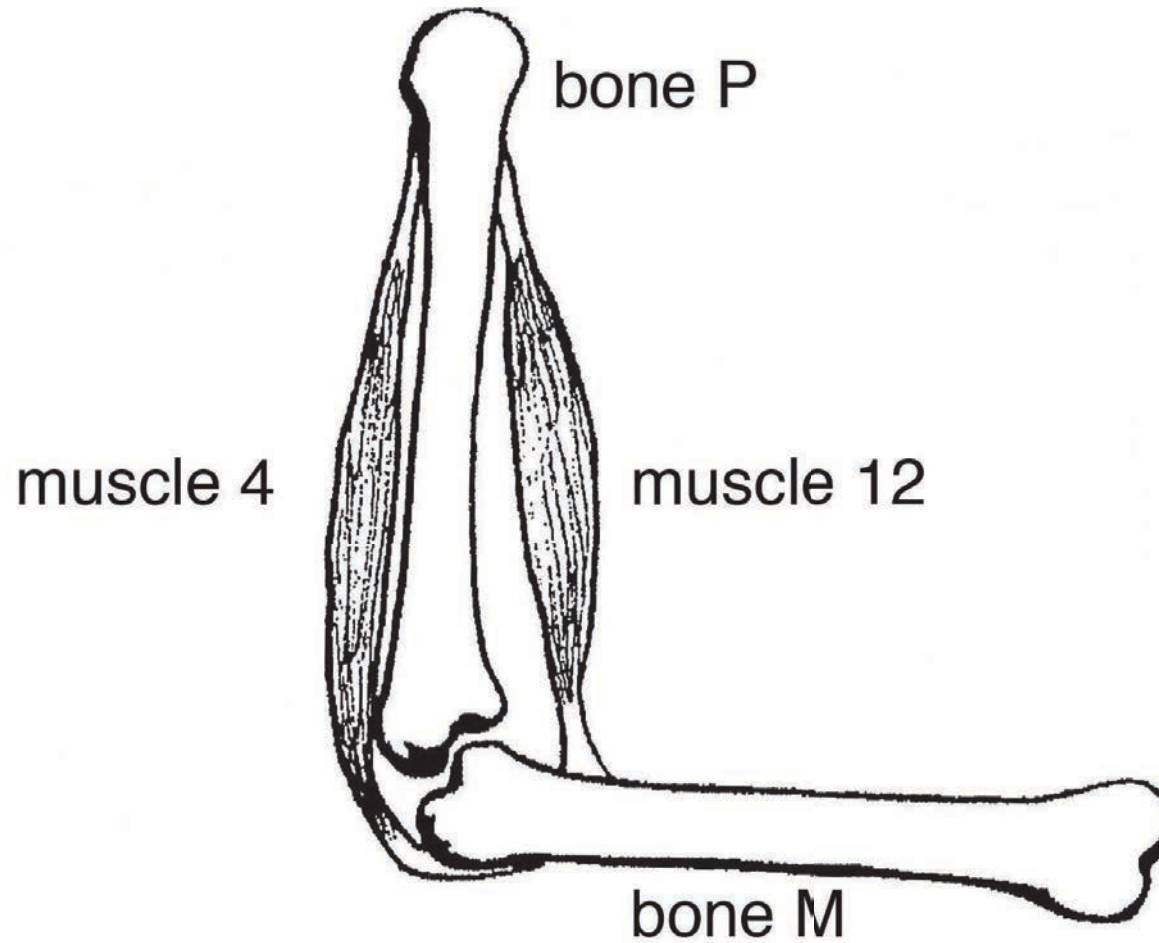


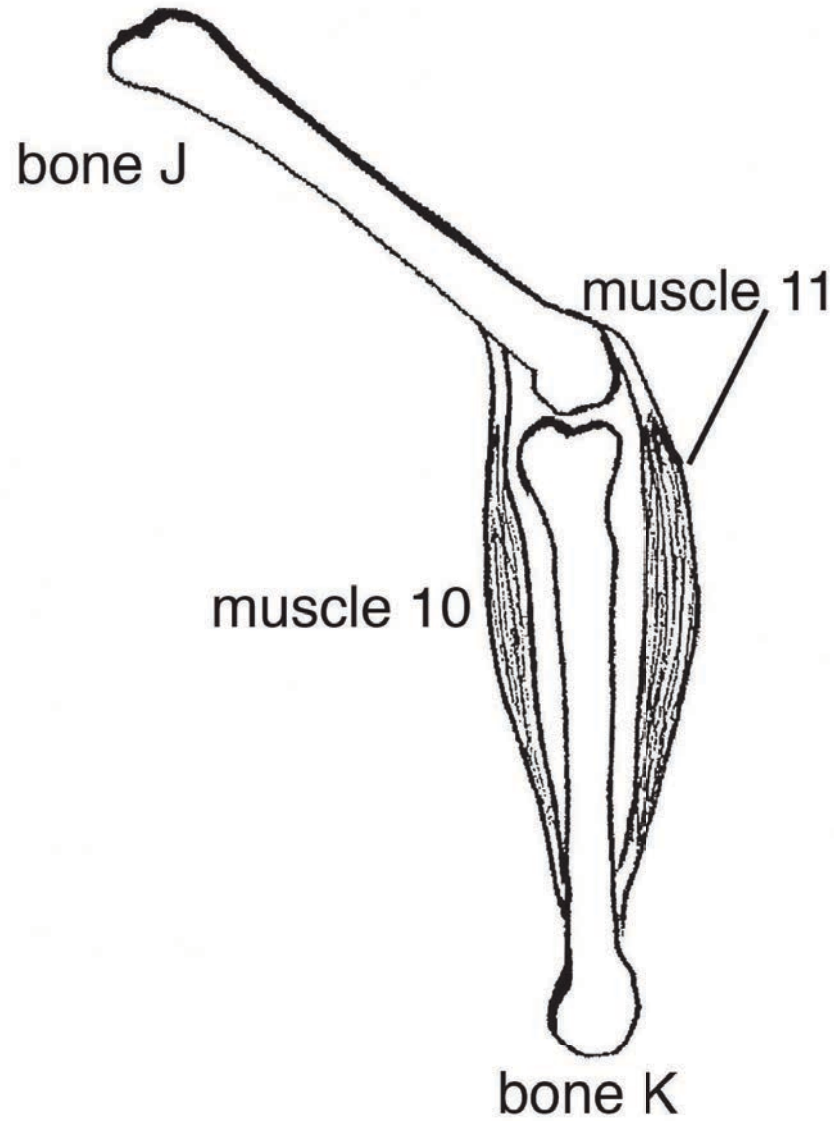
d



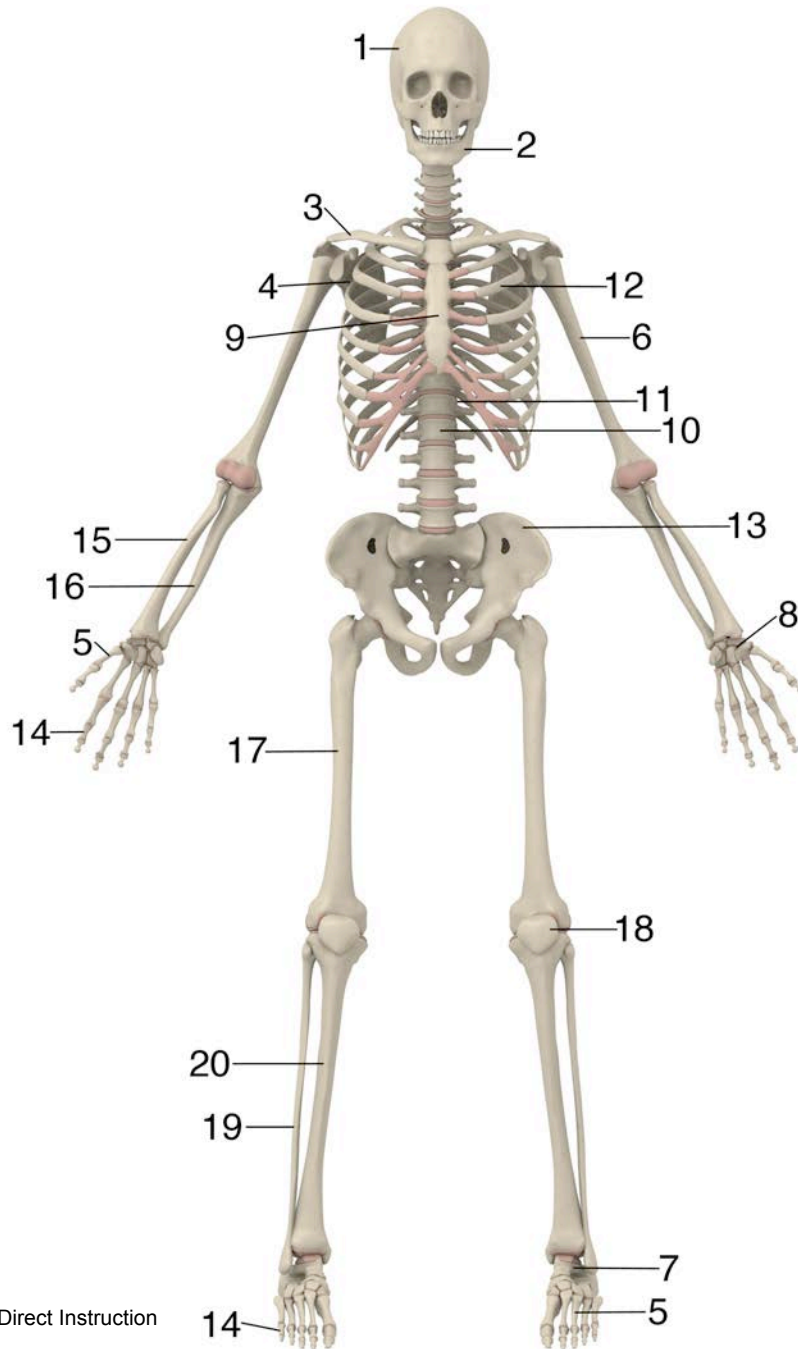






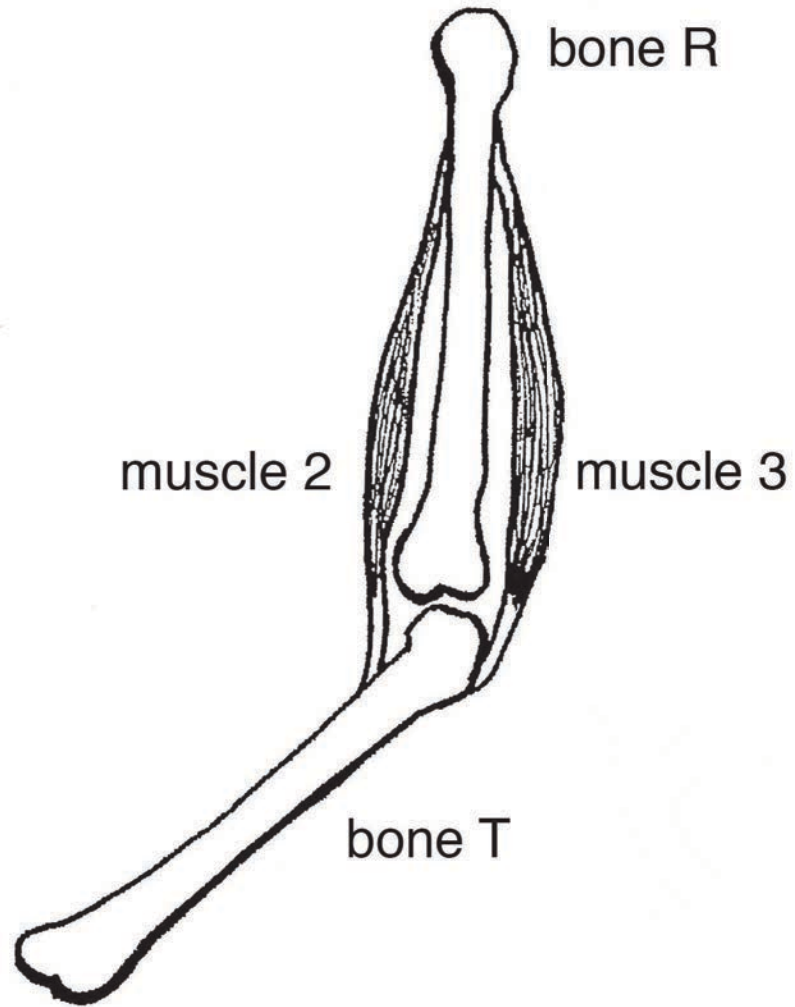


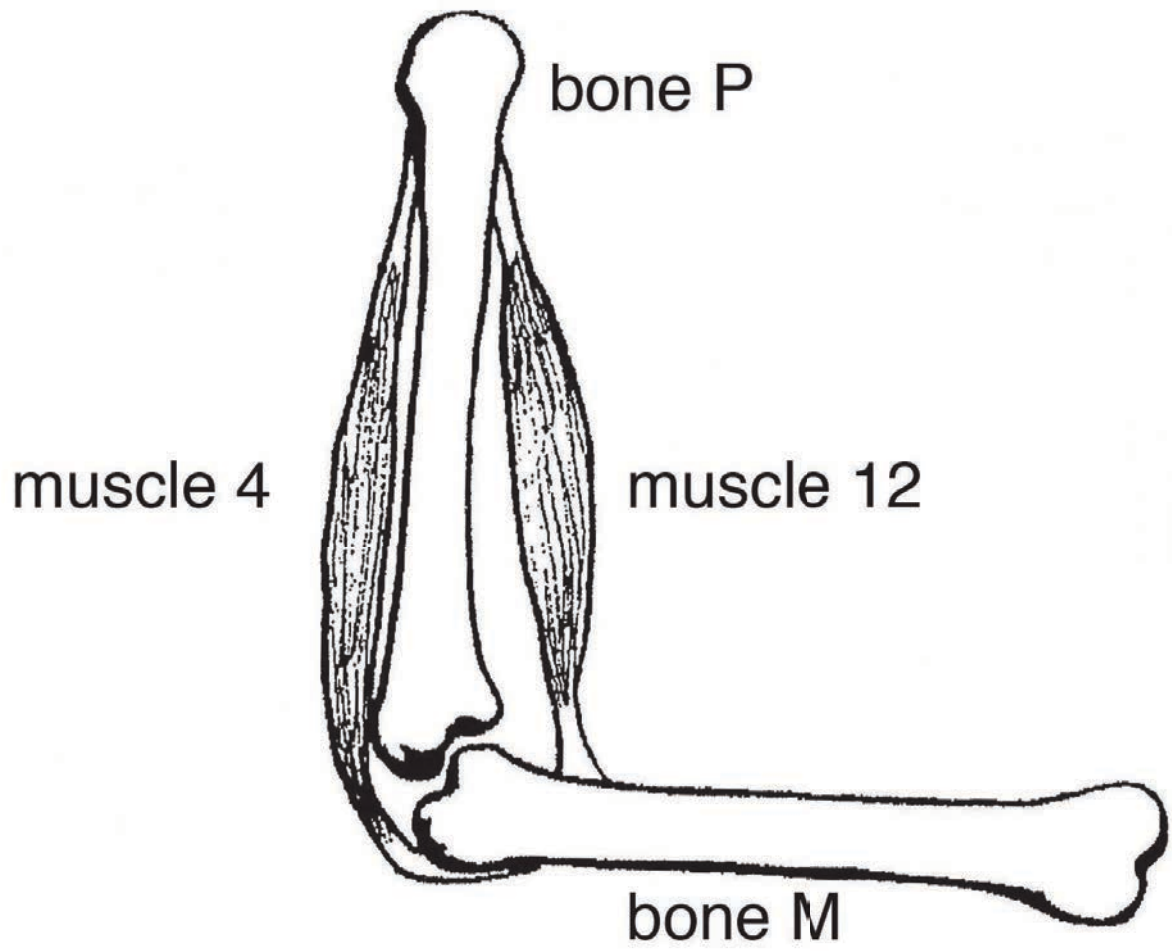
# Skeleton Chart

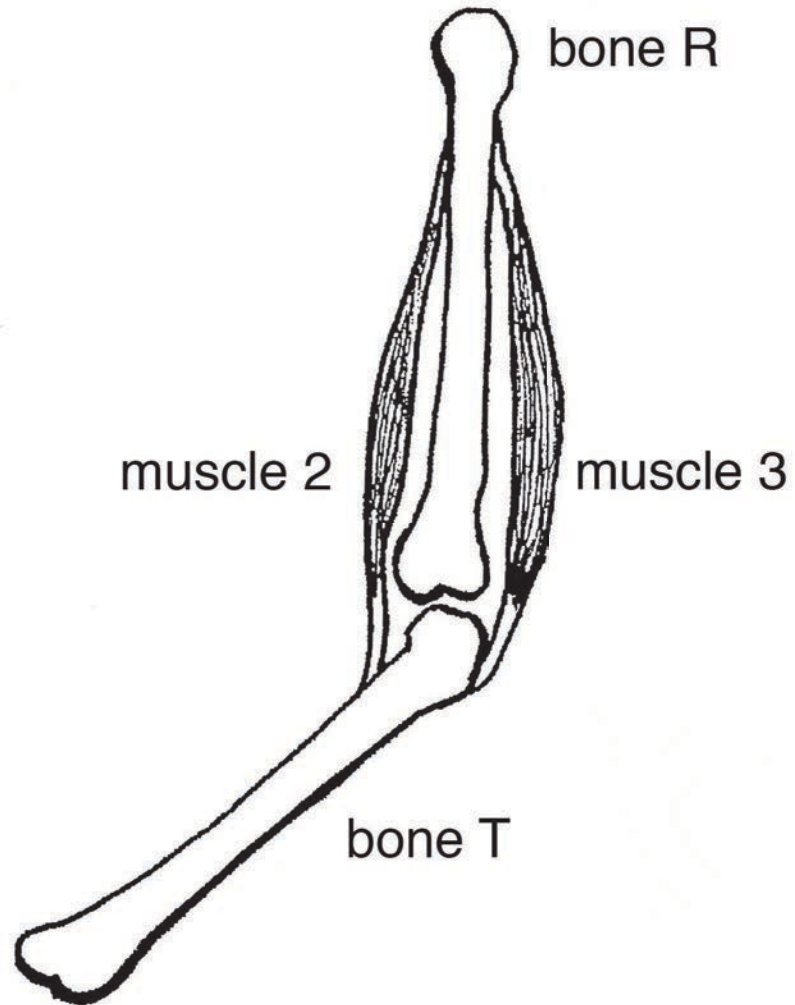


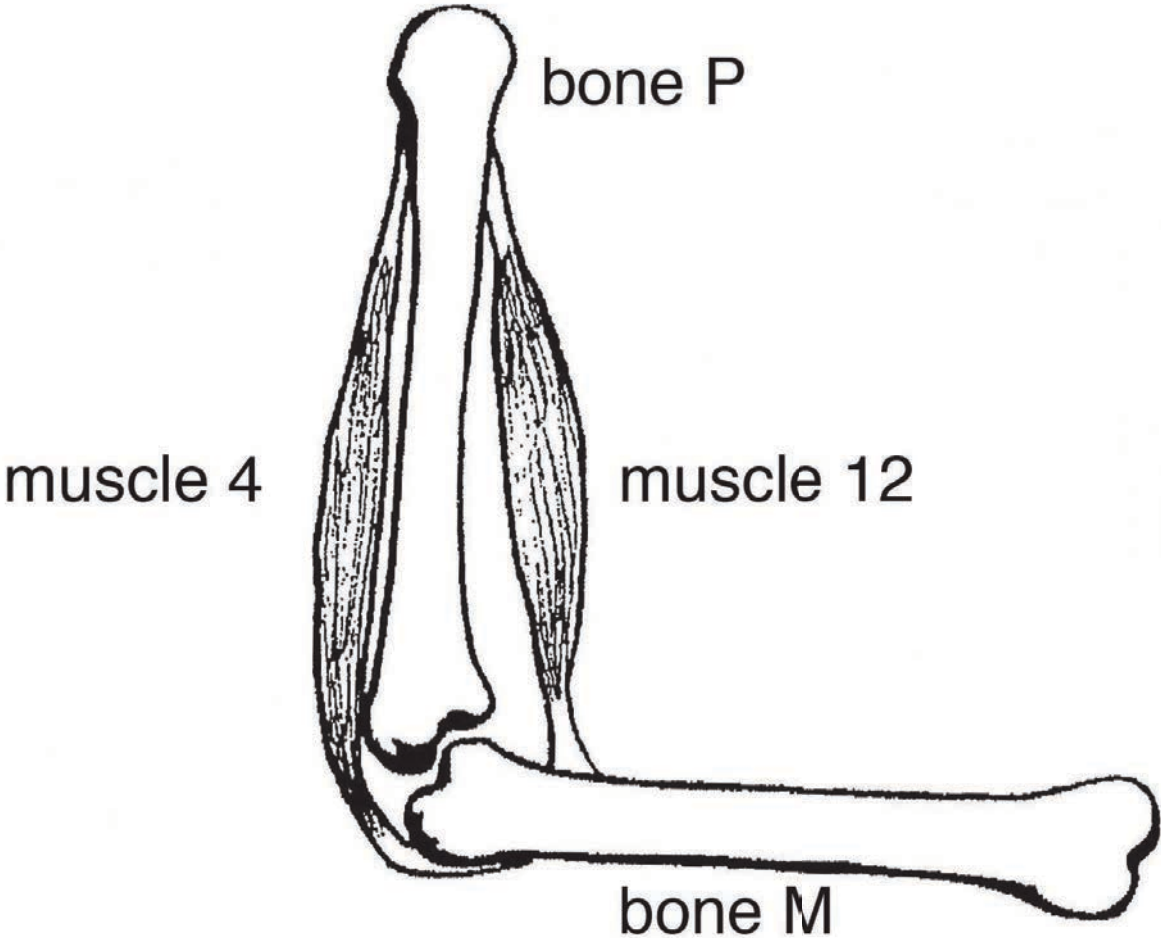
- CARPAL BONES
- CLAVICLE
- CRANIUM
- FEMUR
- FIBULA
- HUMERUS
- MANDIBLE
- METABONES
  - METACARPALS
  - METATARSALS
- PATELLA
- PELVIS
- PHALANGES
- RADIUS
- RIBS
- SCAPULA
- SPINE
- STERNUM
- TARSAL BONES
- TIBIA
- ULNA
- VERTEBRAE

[4:1D]

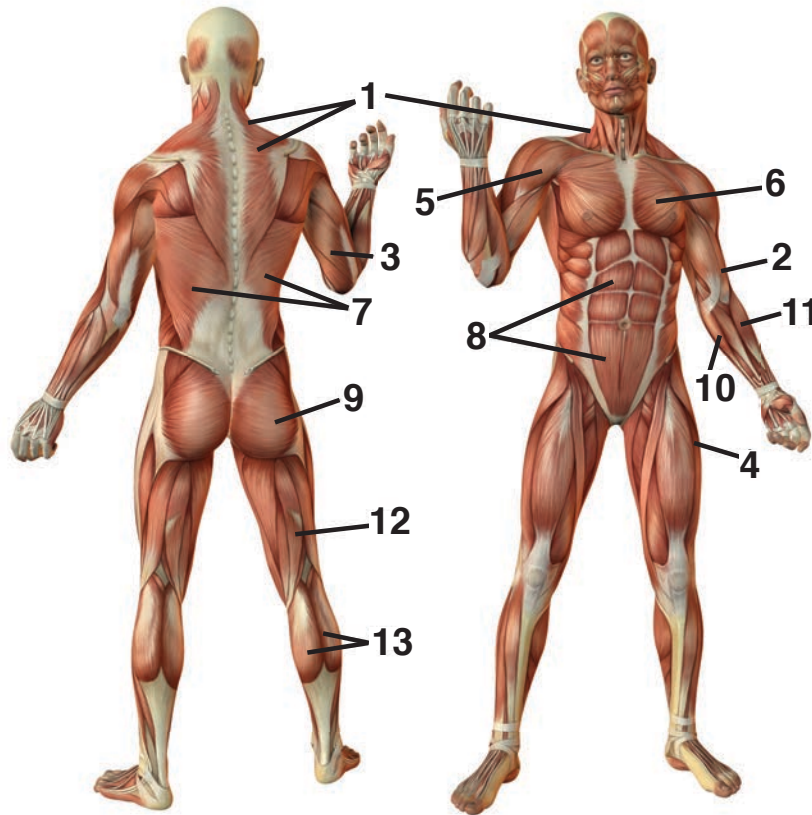








# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

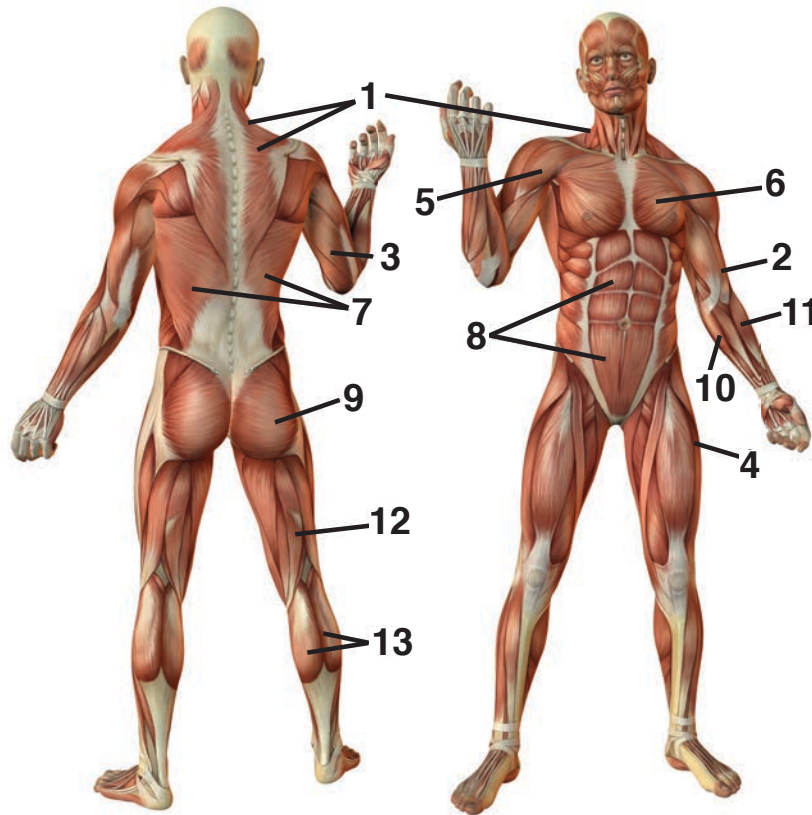


biceps

triceps

deltoid

# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

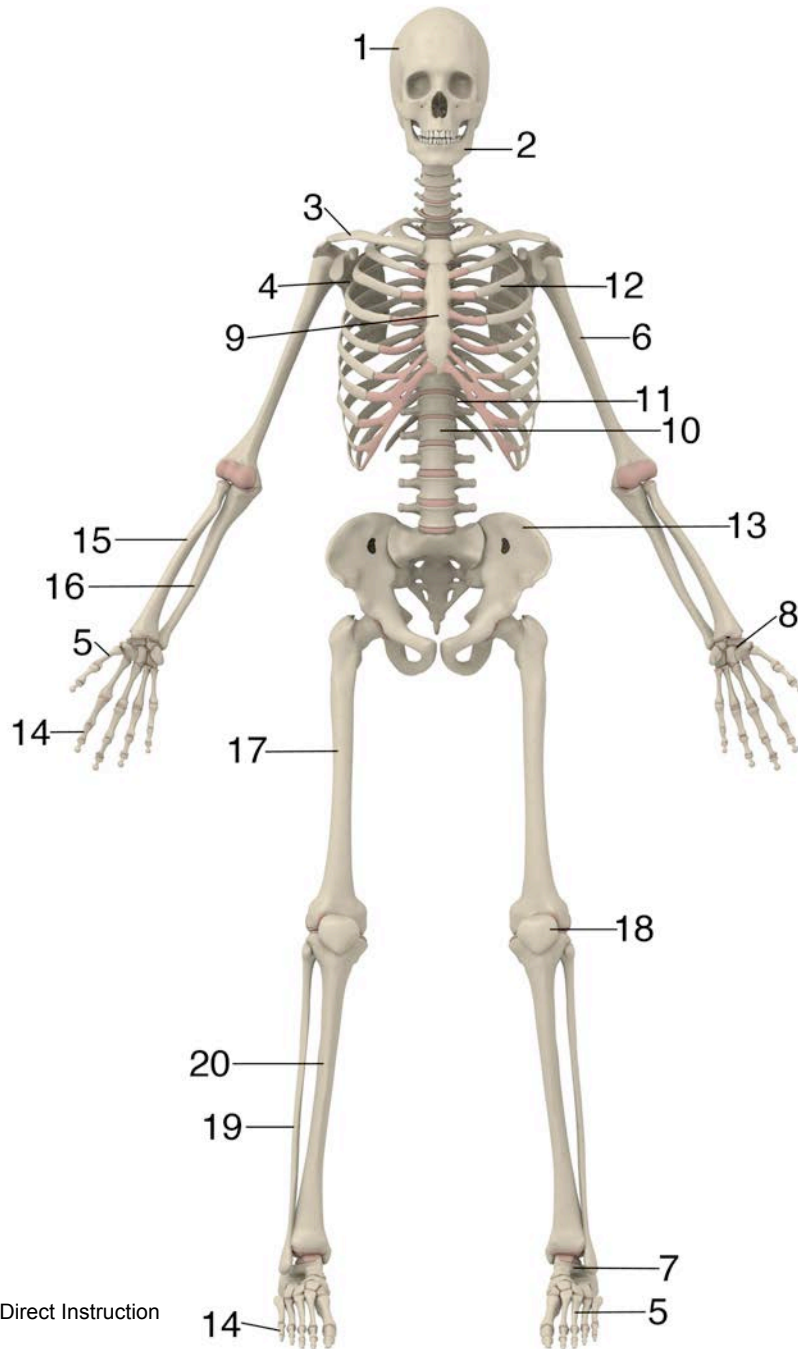
biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

biceps 2

triceps 3

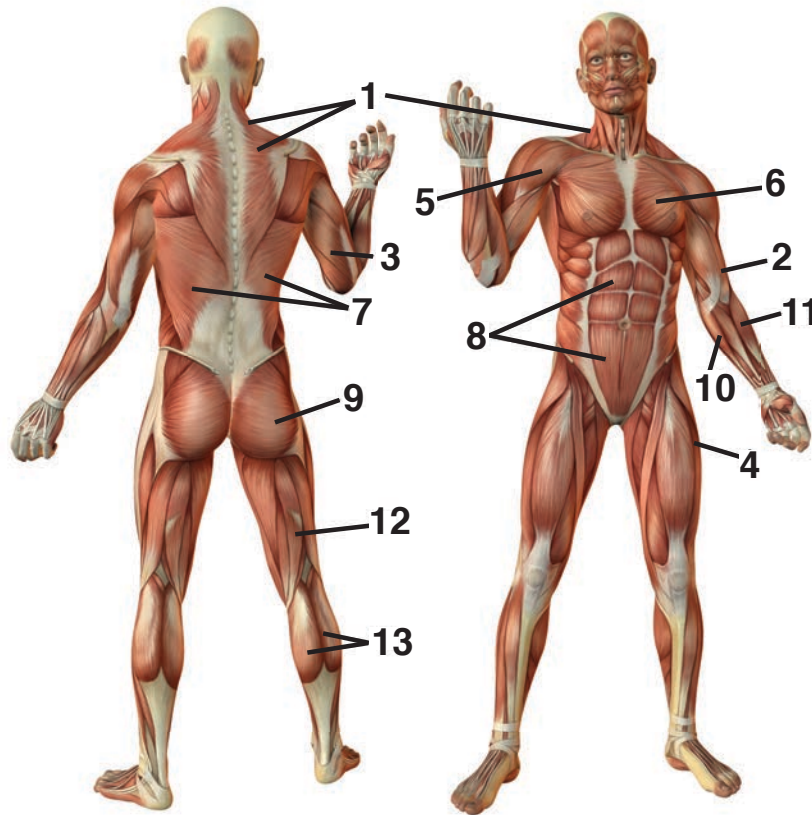
deltoid 5

# Skeleton Chart



- CARPAL BONES
- CLAVICLE
- CRANIUM
- FEMUR
- FIBULA
- HUMERUS
- MANDIBLE
- METABONES
  - METACARPALS
  - METATARSALS
- PATELLA
- PELVIS
- PHALANGES
- RADIUS
- RIBS
- SCAPULA
- SPINE
- STERNUM
- TARSAL BONES
- TIBIA
- ULNA
- VERTEBRAE

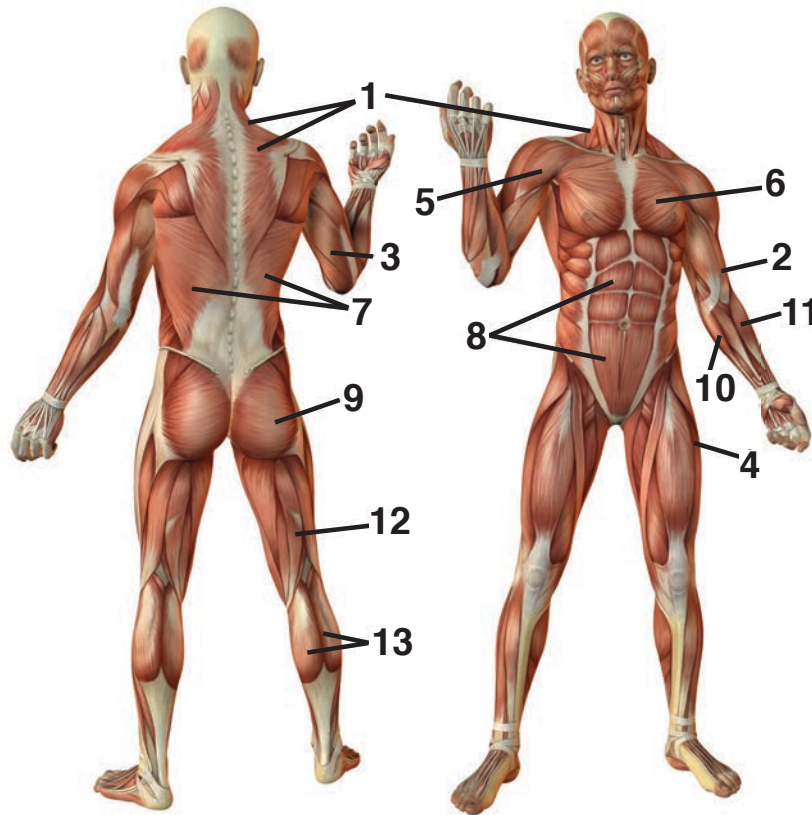
# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

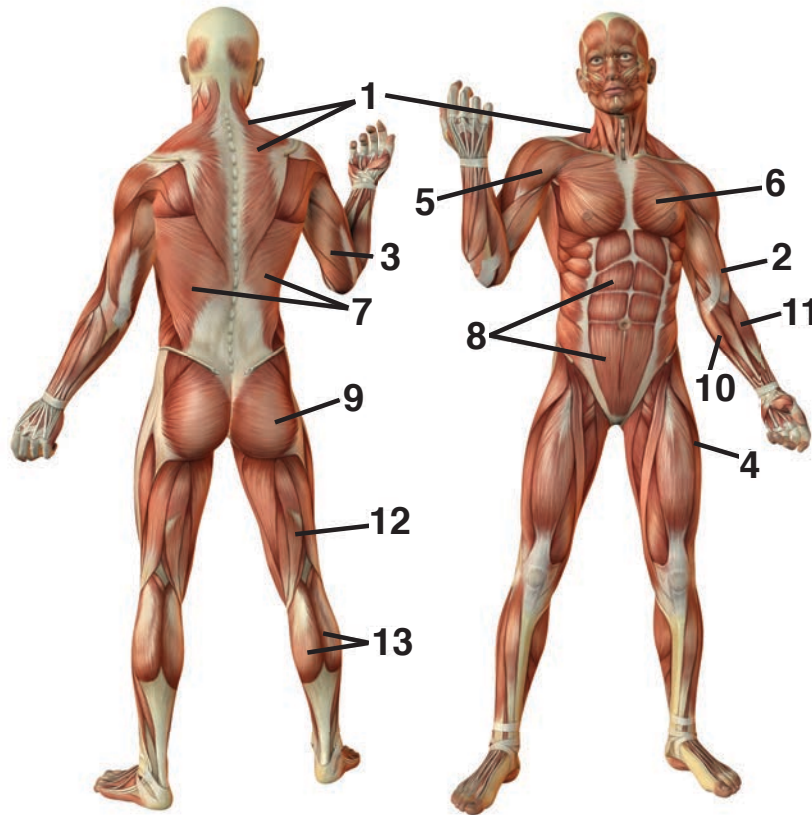
# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

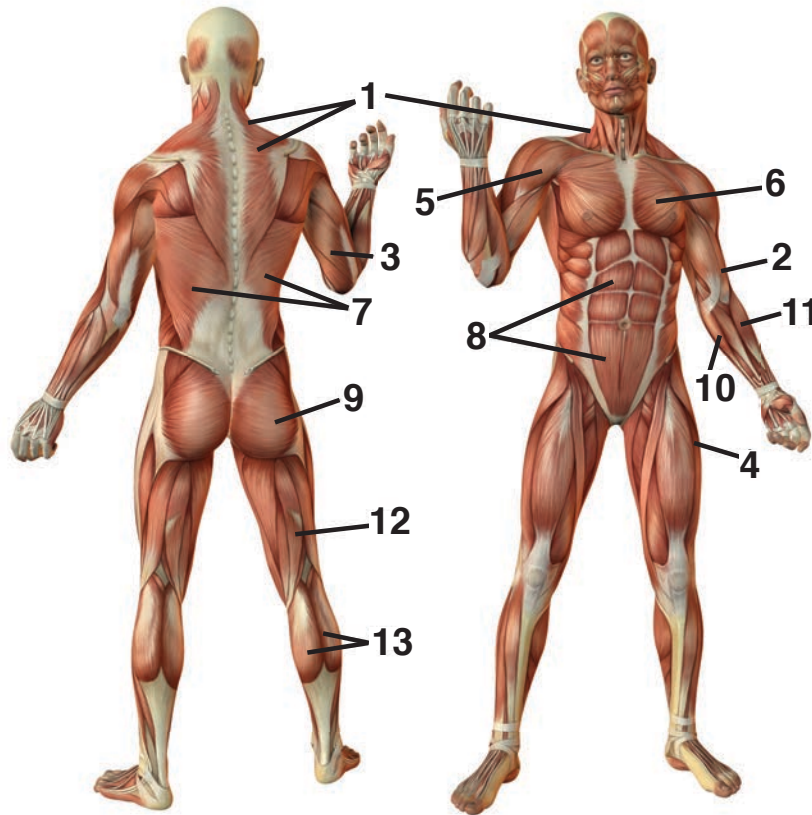
# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

# Muscles Chart

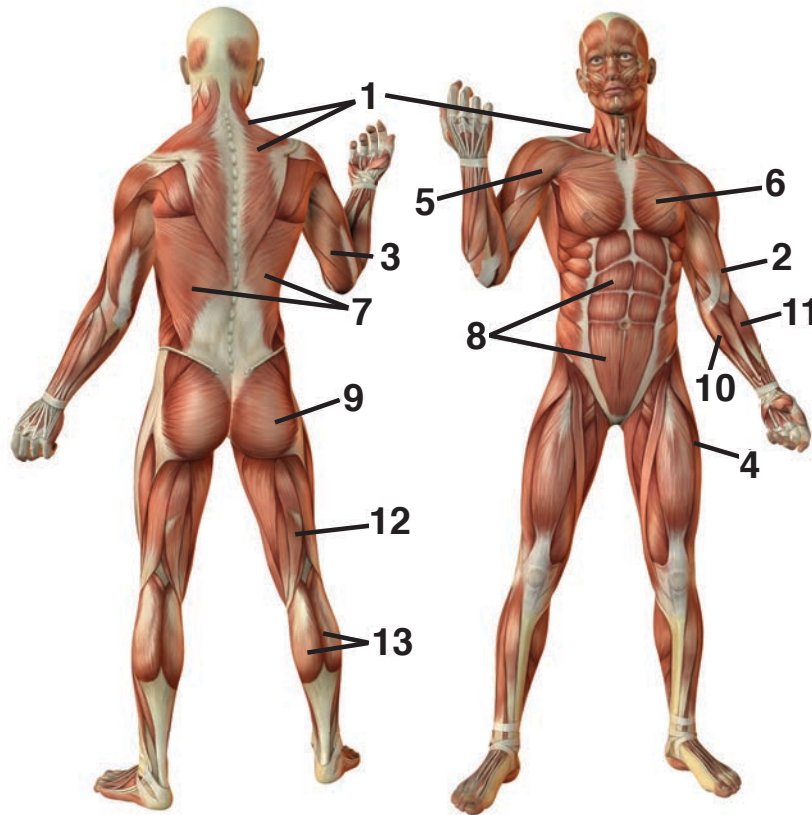


abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps



# Muscles Chart



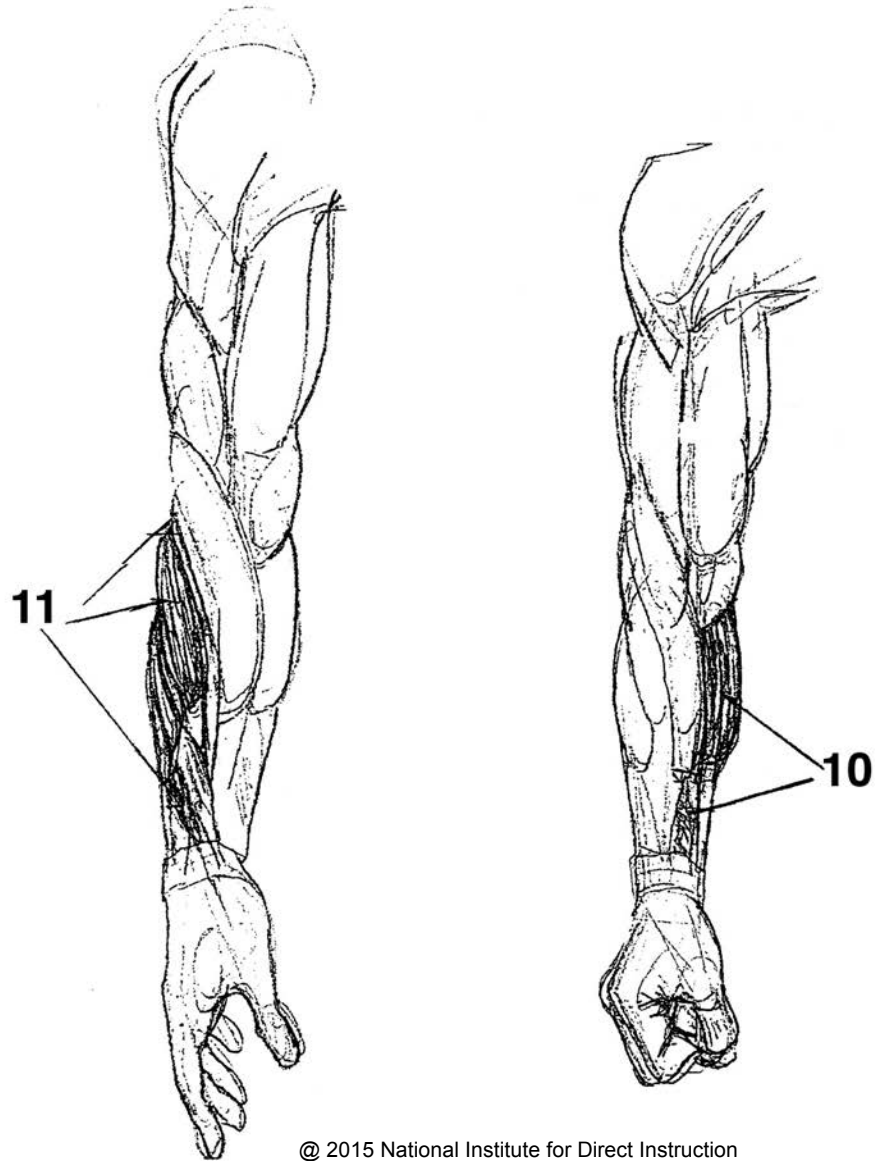
abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

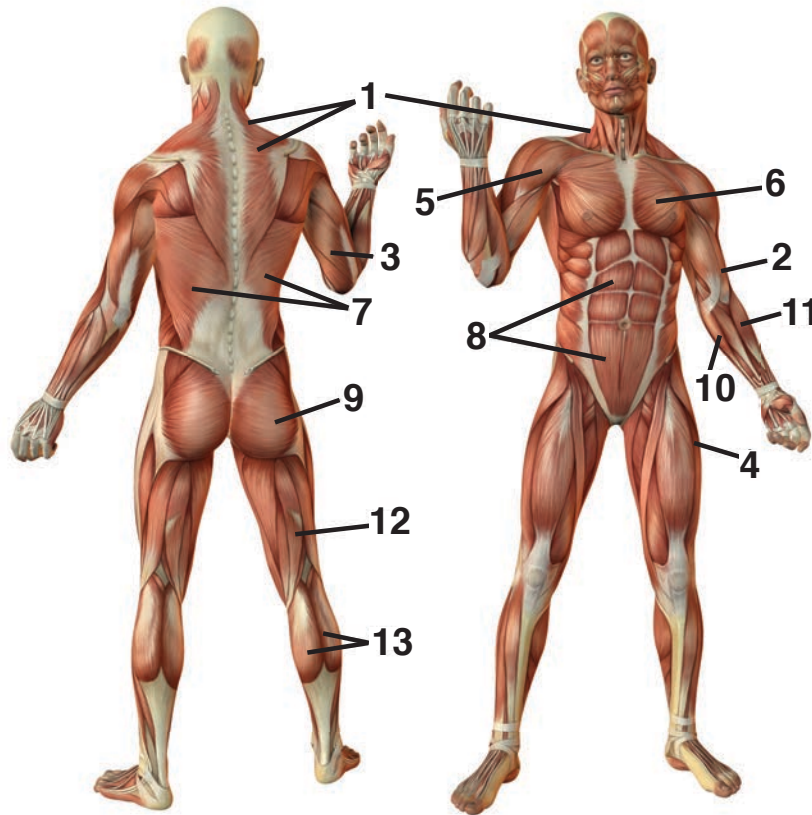
flexors

extensors

# Flexors and Extensors Chart



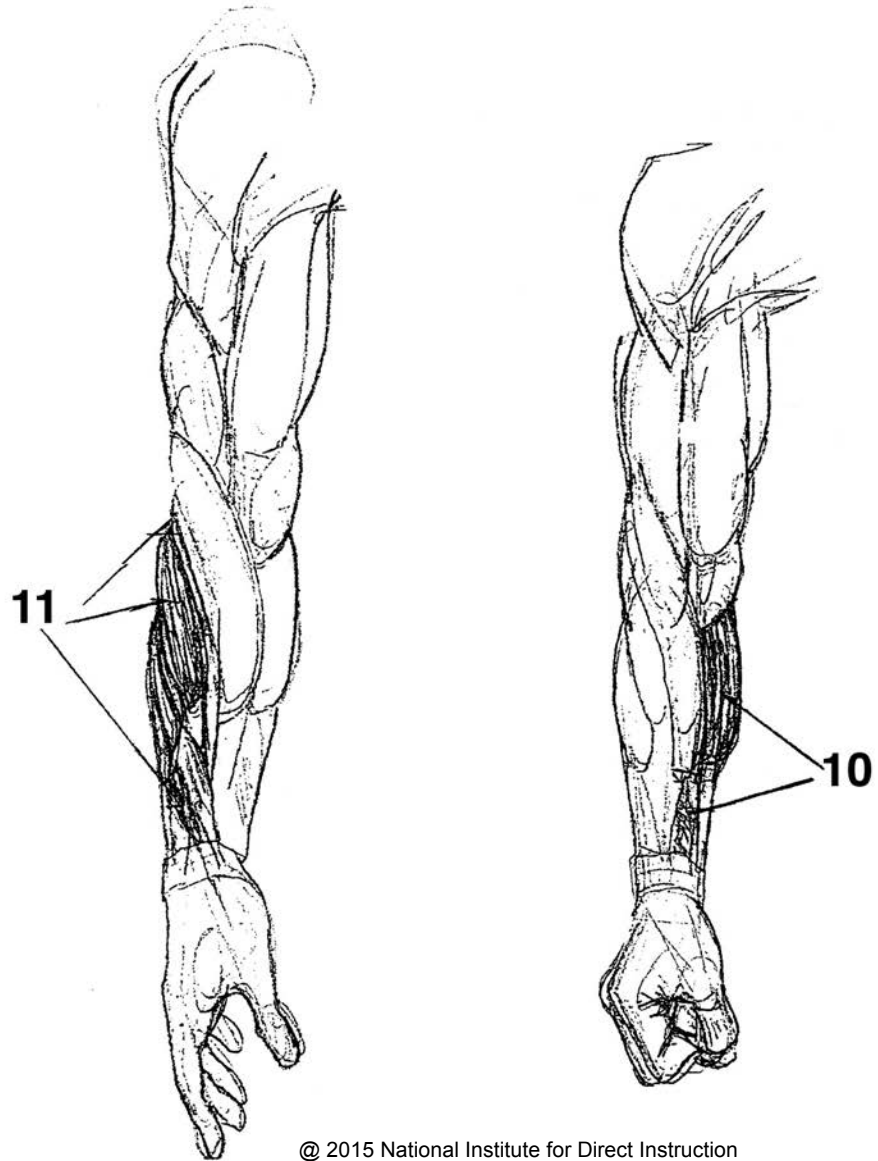
# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

# Flexors and Extensors Chart



A. 7

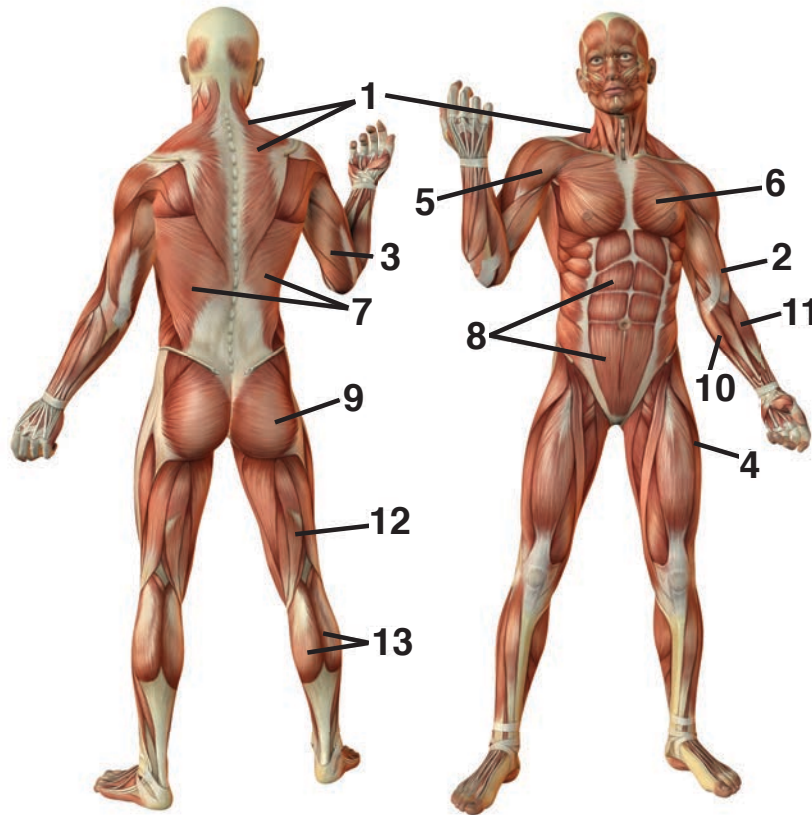
B. 10

C. 8

D. 11

E. 1

# Muscles Chart



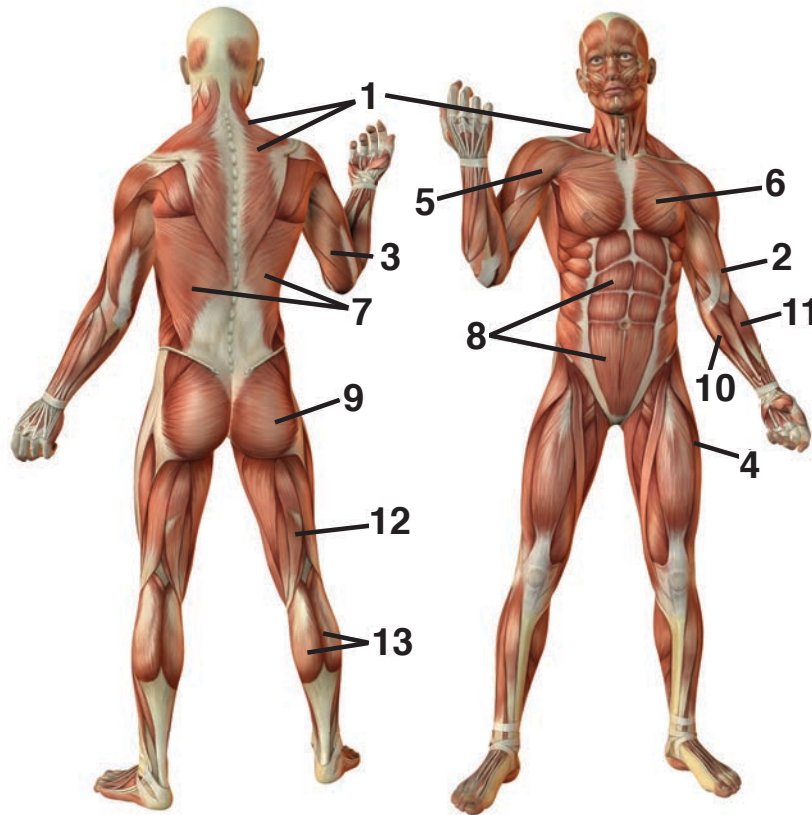
abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

A. 1  
B. 8  
C. 1  
D. 13  
E. 7  
F. 2  
G. 10  
H. 5



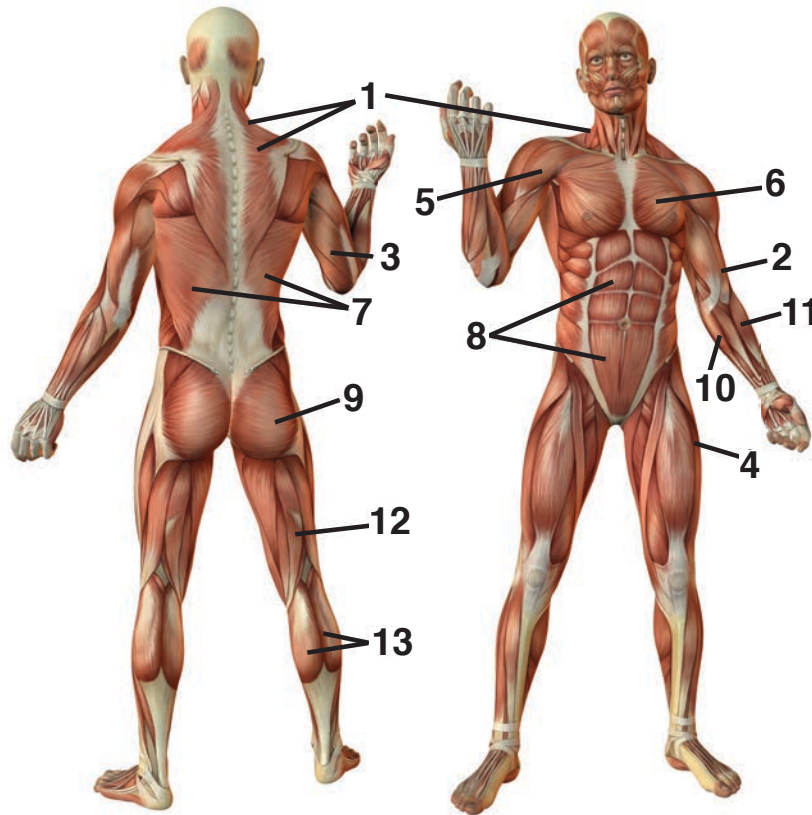
# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

A. 13

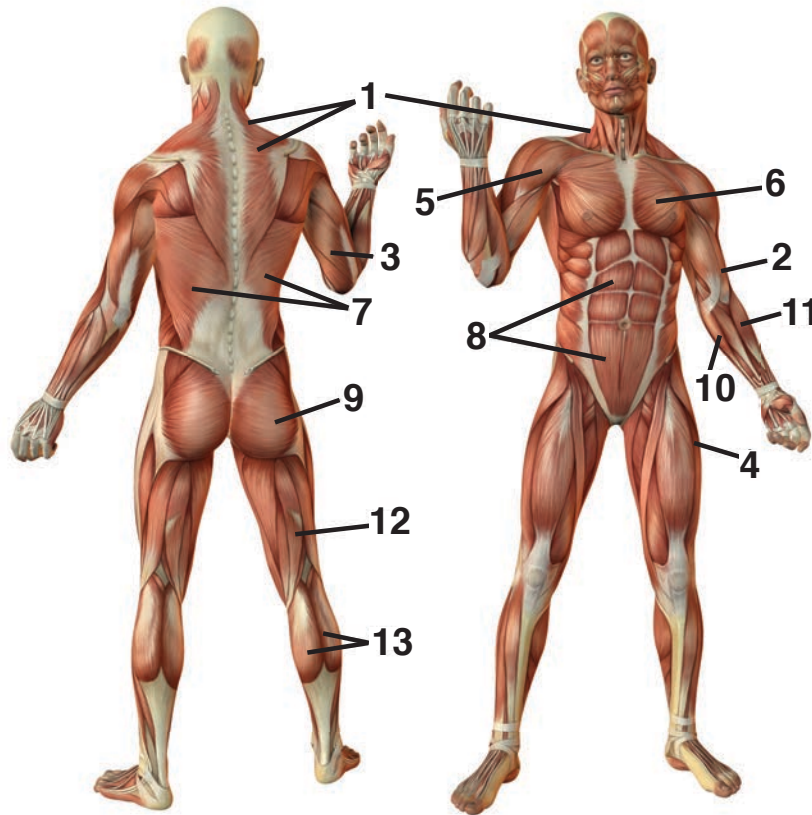
B. 4

C. 11

D. 12

E. 10

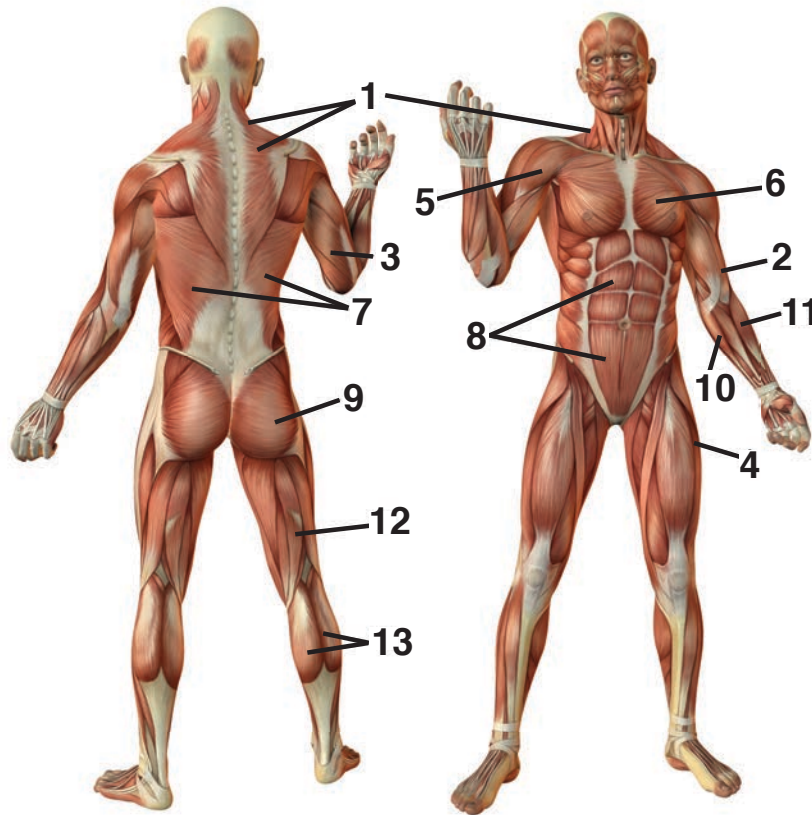
# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

A. 10

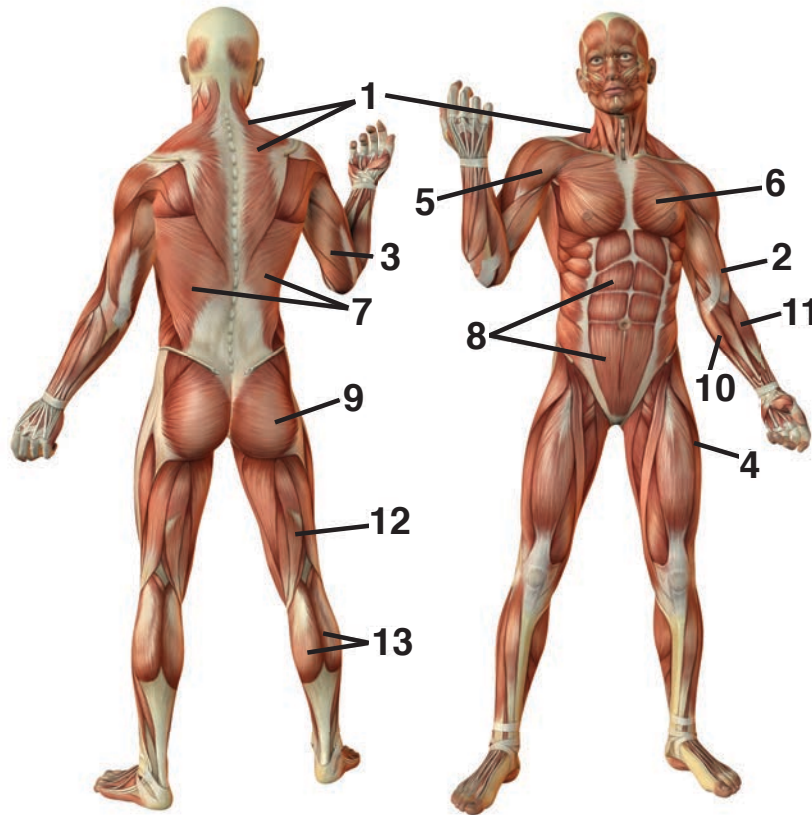
B. 12

C. 4

D. 13

E. 11

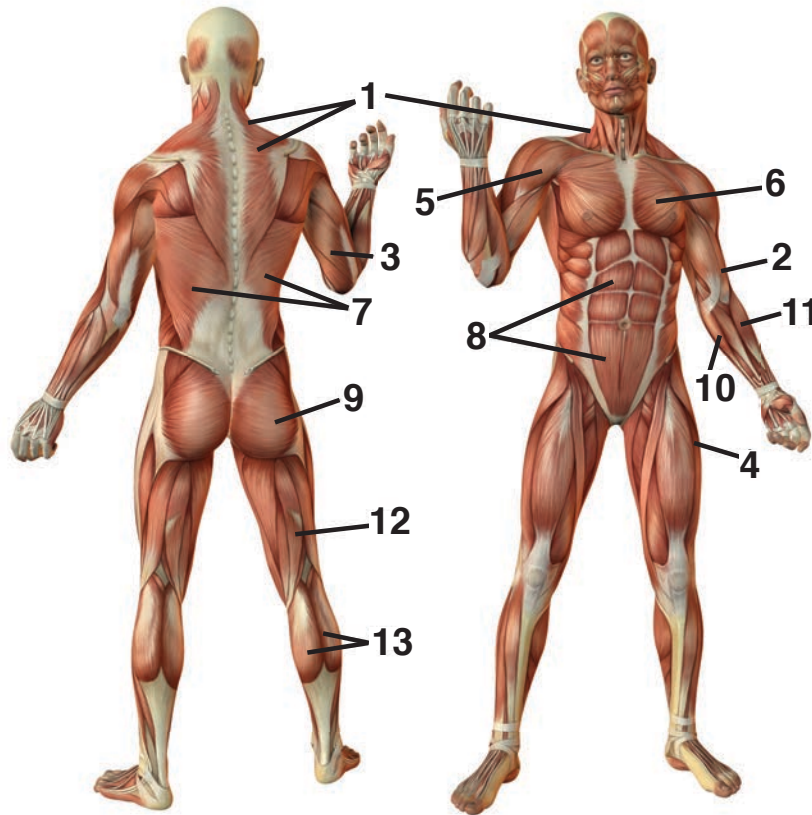
# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps



A. 2

B. 12

C. 3

D. 13

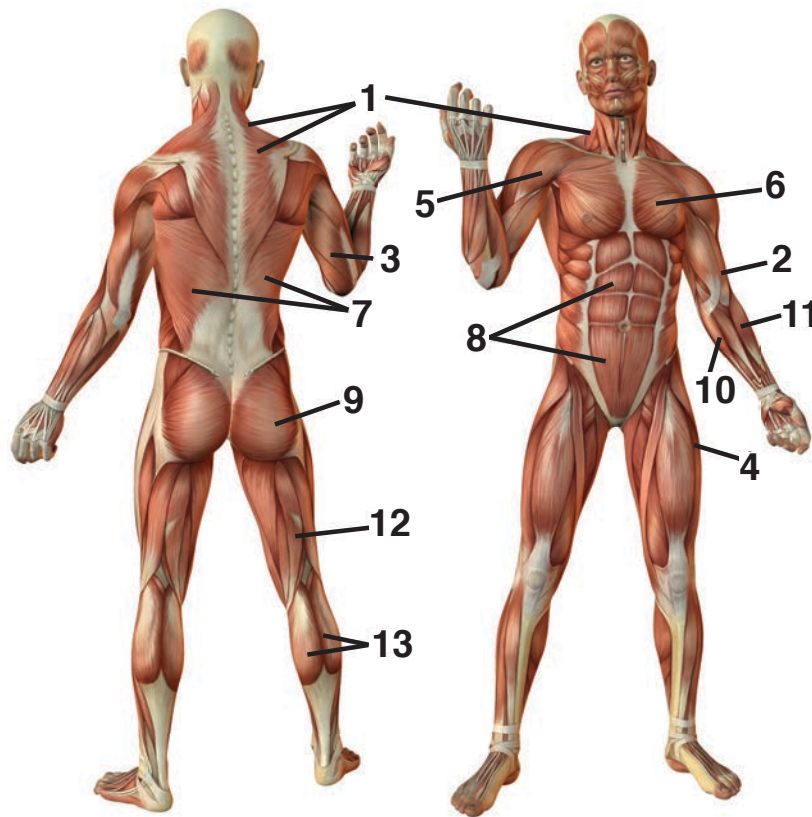
E. 4

F. 7

G. 1

H. 8

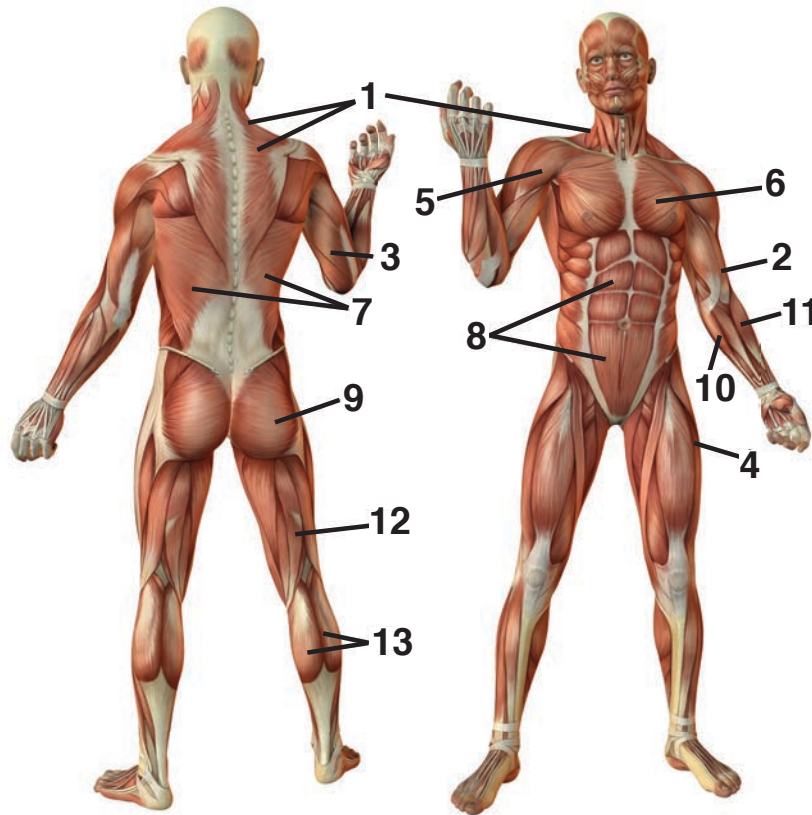
# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

# Muscles Chart

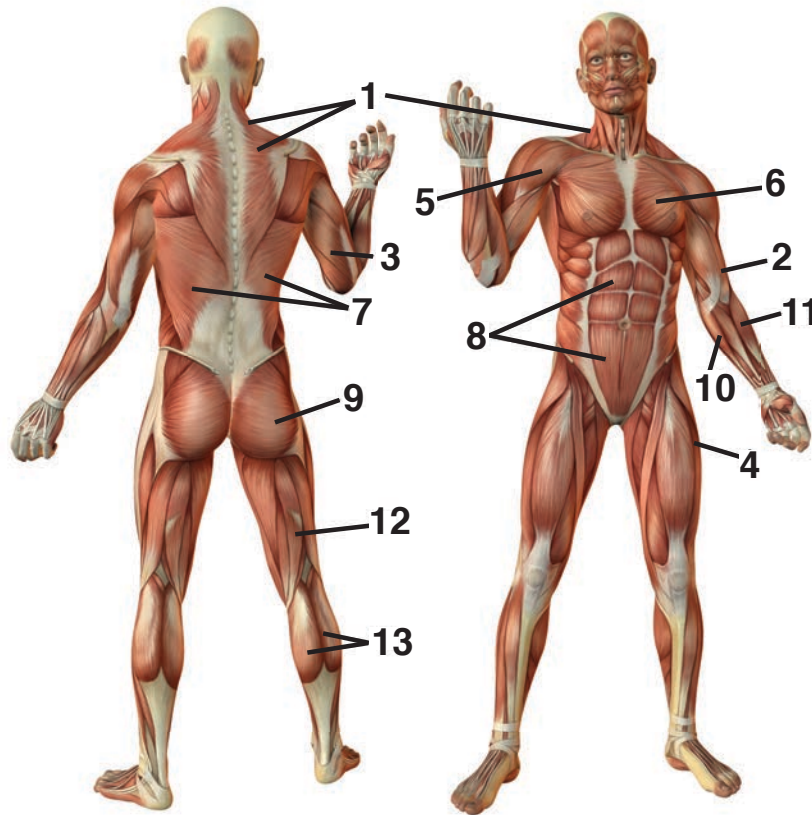


abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

- A. 4
- B. 6
- C. 13
- D. 7
- E. 9
- F. 12

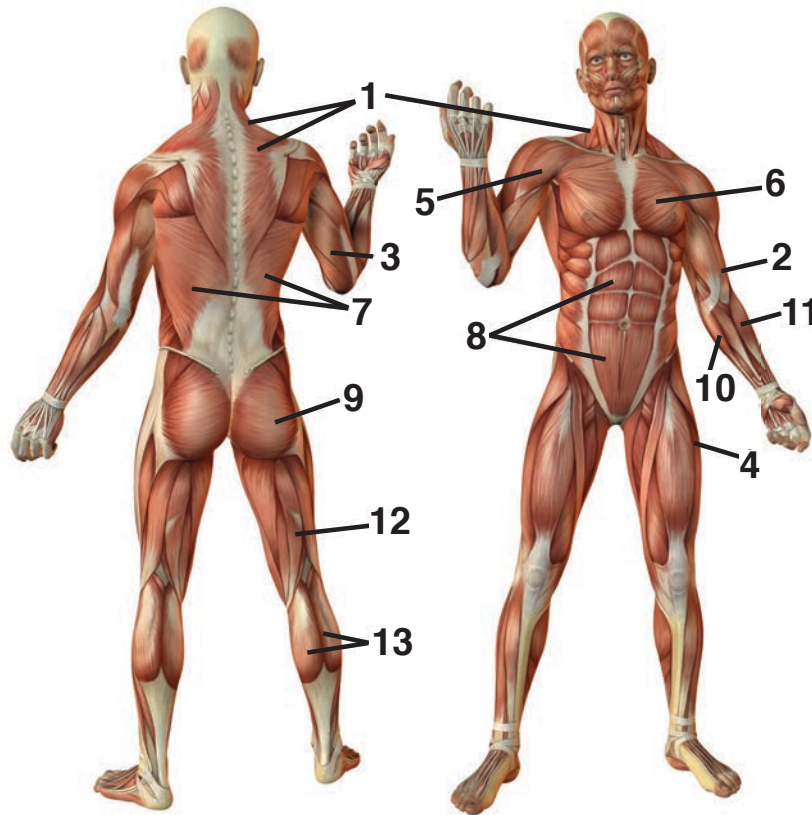
# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

A. 13

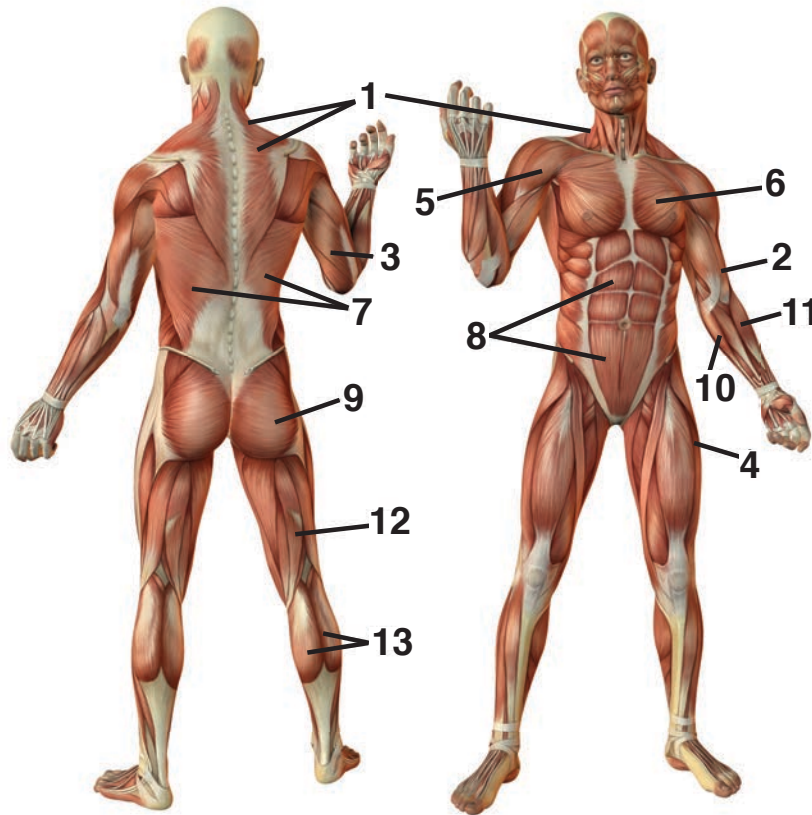
B. 9

C. 4

D. 6

E. 12

# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps

biceps femoris

deltoid

forearm extensors

forearm flexors

gastrocnemius

gluteus muscles

latissimus dorsi

pectoral muscles

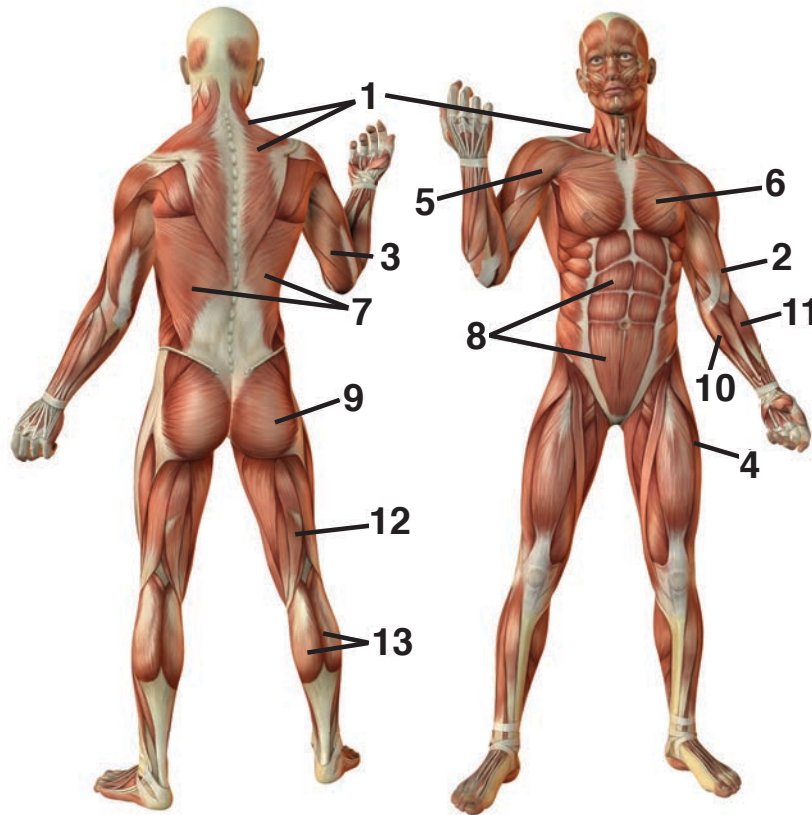
quadriceps femoris

trapezius

triceps



# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

$$\text{distance per time} = \frac{\text{distance}}{\text{time}}$$

$$\text{distance per time} = \frac{\text{distance}}{\text{time}}$$

---

hour

meters

---

hour

day miles

miles  

---

day

inches    hours



inches

inches  

---

hours

80 miles per hour

80 miles per day

second day centimeters miles

$$\frac{\text{centimeters}}{\text{second}}$$
$$\frac{\text{centimeters}}{\text{day}}$$
$$\frac{\text{miles}}{\text{second}}$$
$$\frac{\text{miles}}{\text{day}}$$

month

week

feet

miles

$\frac{\text{feet}}{\text{month}}$

$\frac{\text{feet}}{\text{week}}$

$\frac{\text{miles}}{\text{month}}$

$\frac{\text{miles}}{\text{week}}$

yards

inches

day

year



$$\frac{\text{yards}}{\text{day}}$$
$$\frac{\text{yards}}{\text{year}}$$
$$\frac{\text{inches}}{\text{day}}$$
$$\frac{\text{inches}}{\text{year}}$$

2  feet    day    week    yards

7  meters    minute    inches    second

3  hour    feet    month    miles

10  minutes meters inches second

4  miles feet hour day

miles

feet

week

month

miles  
-----  
week

miles  
-----  
month

feet  
-----  
week

feet  
-----  
month



- A. 3 feet per minute
- B. 3 feet per hour
- C. 3 yards per hour
- D. 3 yards per minute

3  day meters inches week

7  yards second minute feet

5  hour meters centimeters minute

9

month inches week yards

- A. 15 miles per minute
- B. 15 miles per hour
- C. 15 meters per hour
- D. 15 meters per minute

inches      feet      week      day

$\frac{\text{inches}}{\text{week}}$

$\frac{\text{inches}}{\text{day}}$

$\frac{\text{feet}}{\text{week}}$

$\frac{\text{feet}}{\text{day}}$



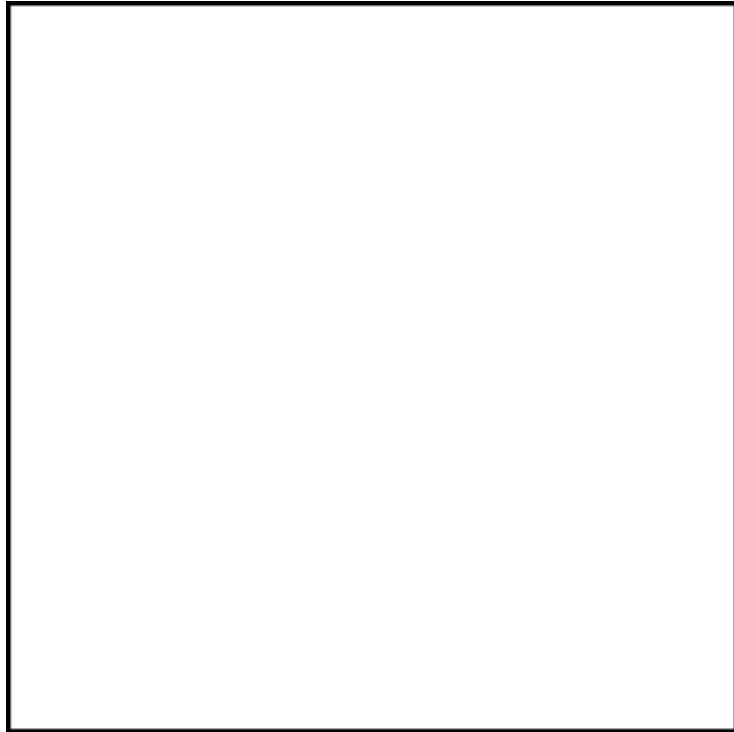
21  year month yards feet

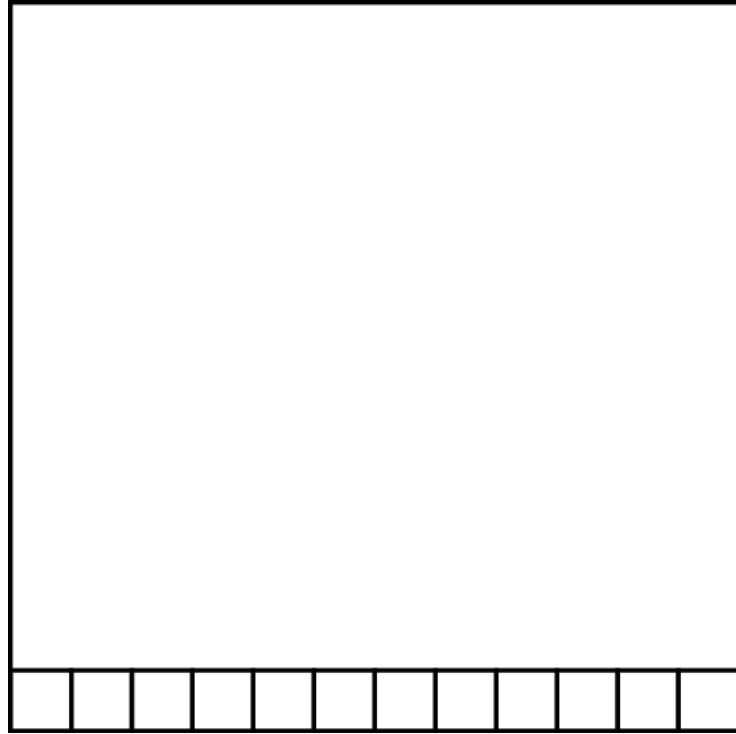
11

second week miles meters

7  feet year yards month

24  minute hour inches yards





$$3 \times 3$$




$$3 \times 3$$

$$36 \times 36$$

$$5,280 \times 5,280$$

4 x 4 = 16 sq glerms

$$2 \frac{1}{2} \times 2 \frac{1}{2}$$

$$2.5 \times 2.5$$

$$2.5 \times 2.5 = 6.25 \text{ sq cm}$$

$$6 \times 6 = 36 \text{ sq ft}$$



$$x^2$$

$$36^2 = 1,296$$

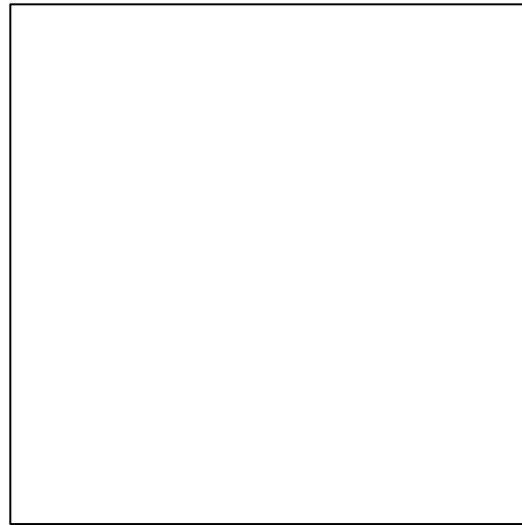
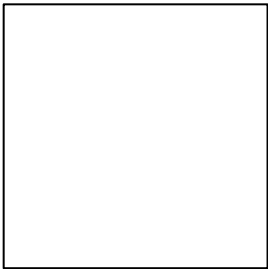
$$12 \times 12 \times 12 = 1,728 \text{ cu in.}$$

$$1 \text{ rod} = 15 \text{ m}$$

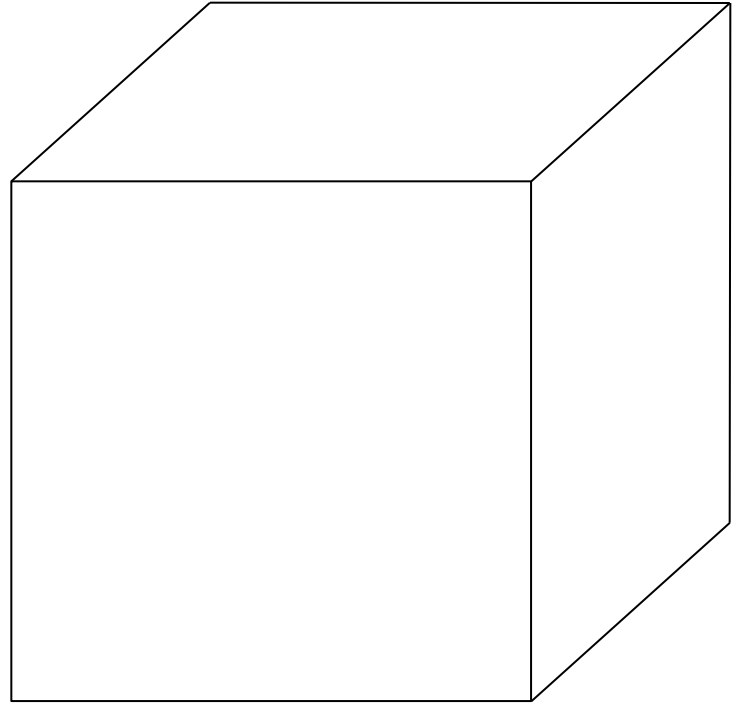
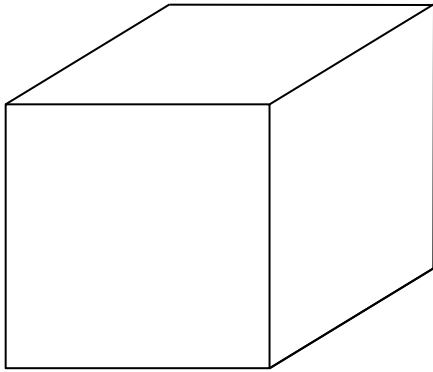
1 fathom = 6 ft

1 glimp = 13 units

1 fathom = 6 ft







**A**  
**26 lb**

**B**  
**34 lb**

**C**  
**21 lb**

A

1  $\frac{1}{2}$  inches

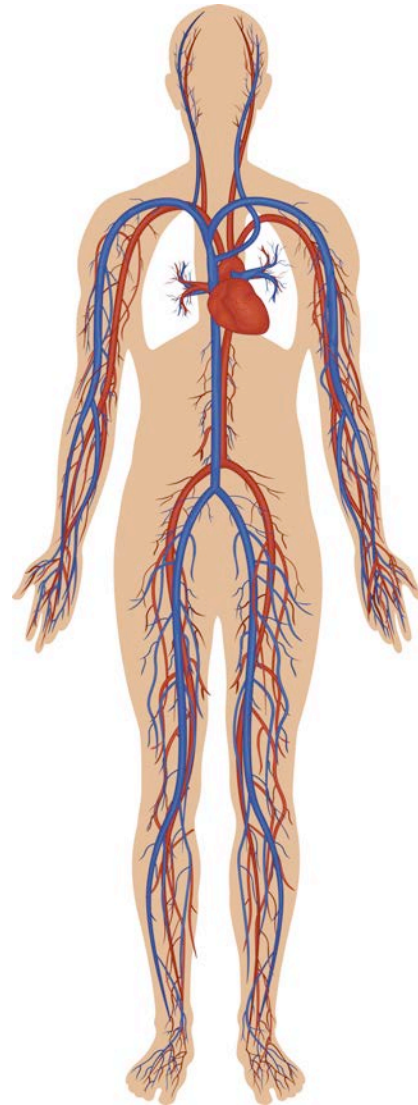
B

3 inches

C

2 inches

# Circulatory Chart



heart

lungs

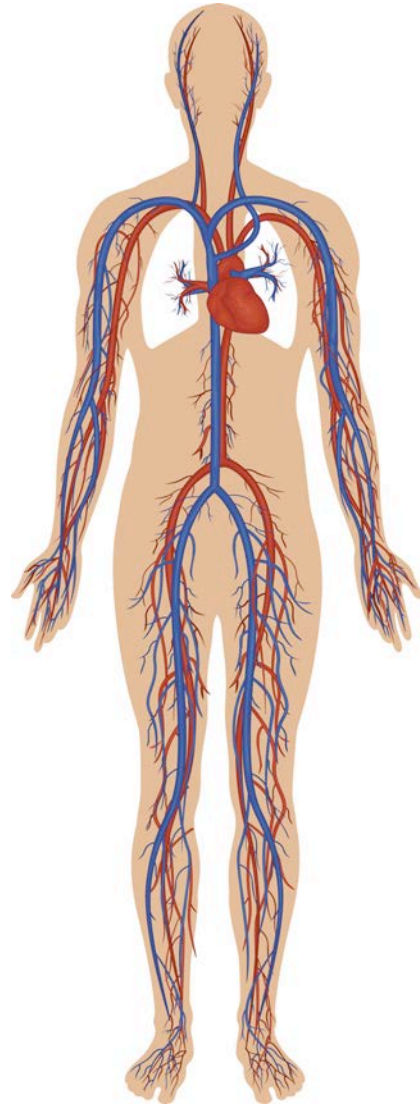
blood vessels

arteries

veins

capillaries

# Circulatory Chart



heart

lungs

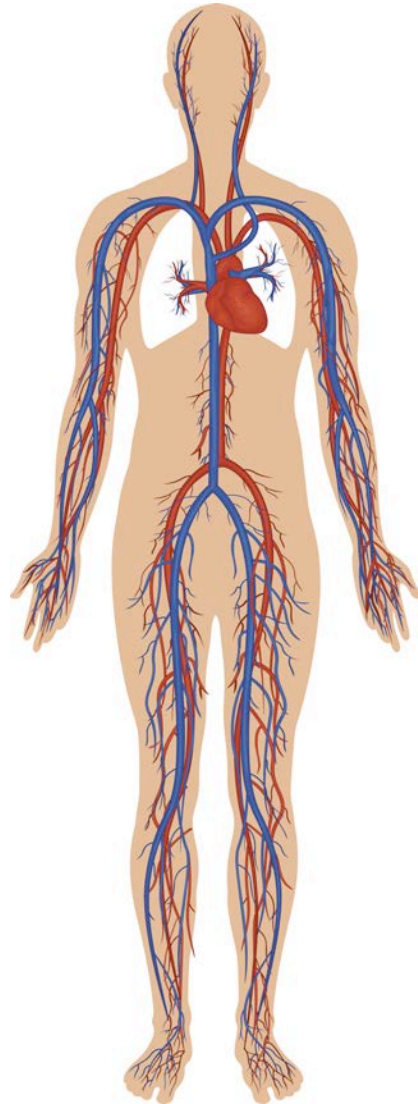
blood vessels

arteries

veins

capillaries

# Circulatory Chart



heart

lungs

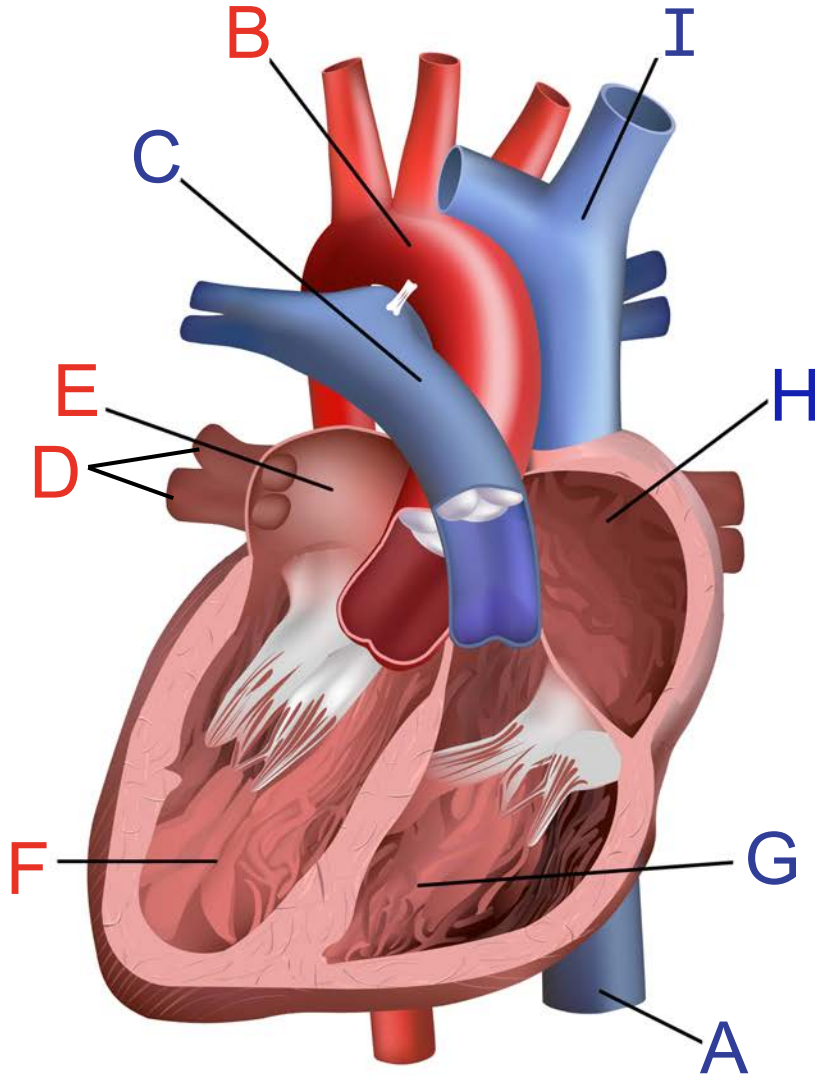
blood vessels

arteries

veins

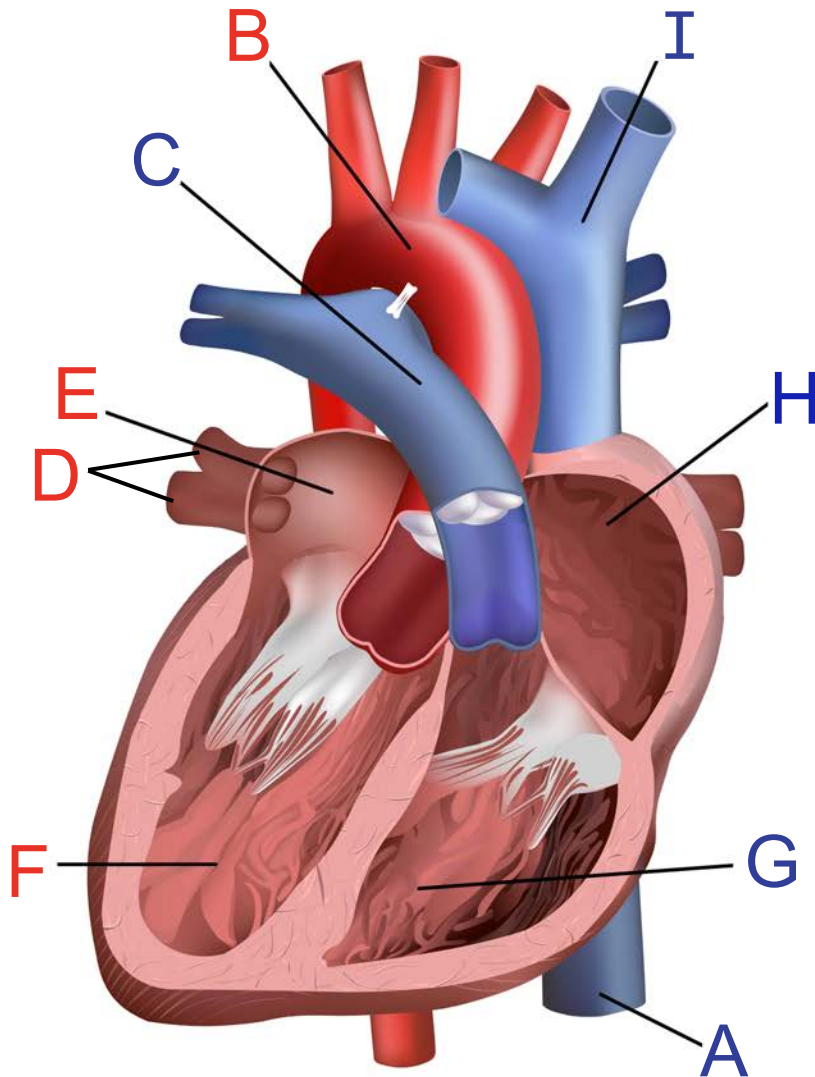
capillaries

# Heart Chart A



aorta  
left atrium  
left ventricle  
pulmonary artery  
pulmonary vein  
right atrium  
right ventricle  
lower vena cava  
upper vena cava

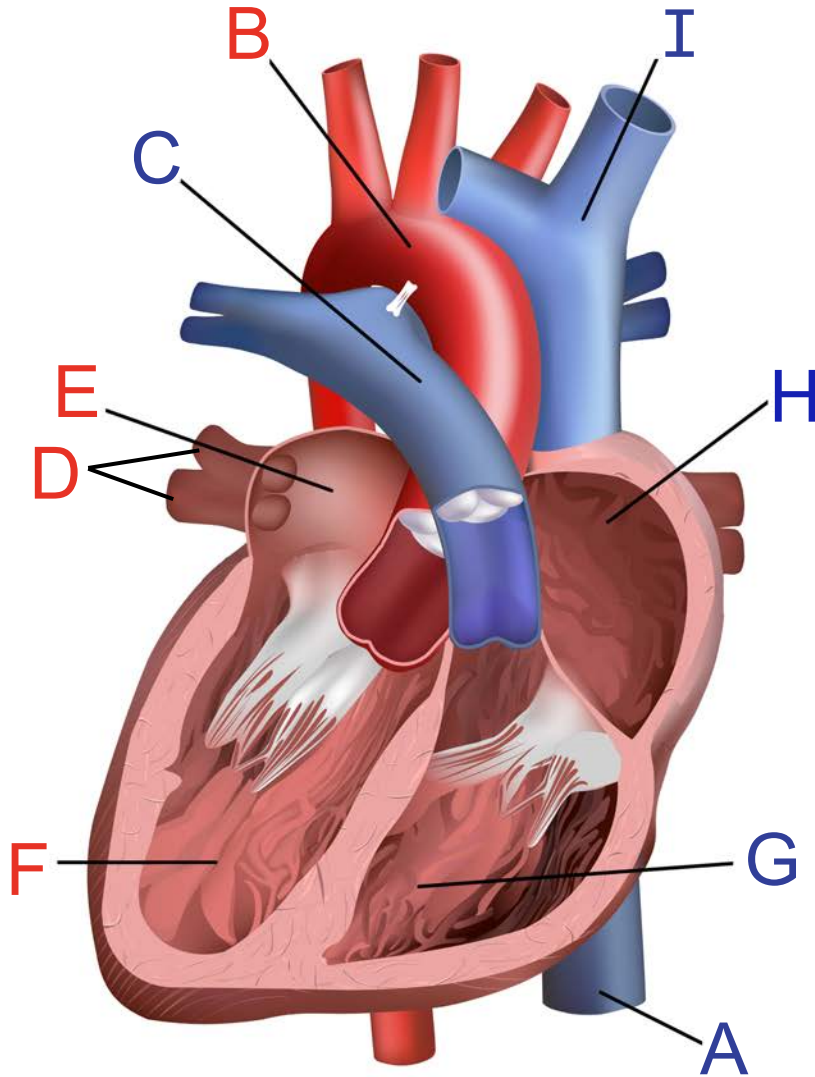
# Heart Chart A



aorta  
left atrium  
left ventricle  
pulmonary artery  
pulmonary vein  
right atrium  
right ventricle  
lower vena cava  
upper vena cava

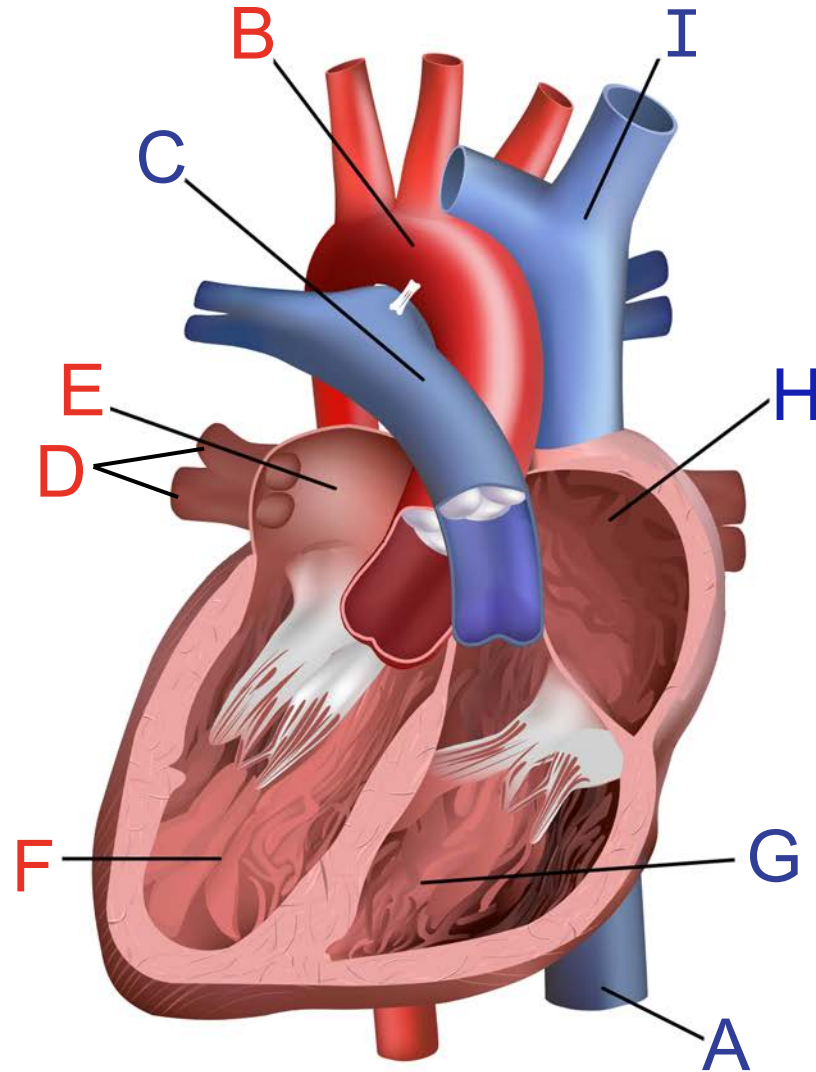


# Heart Chart A

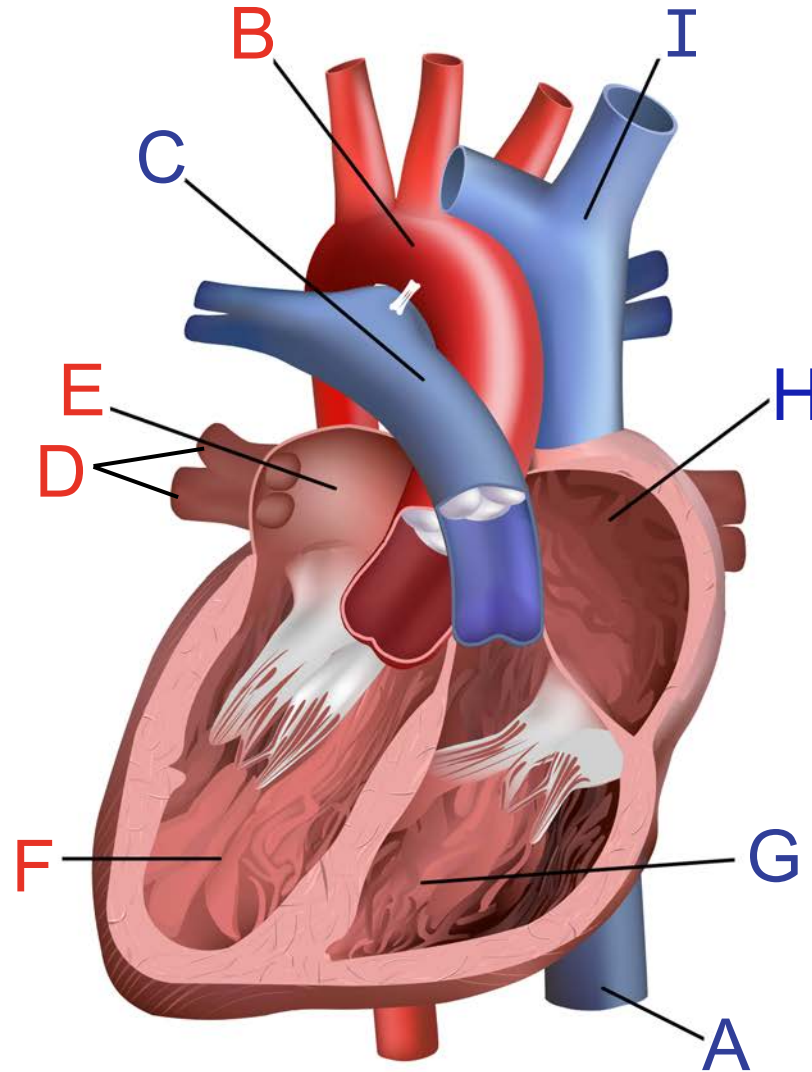


aorta  
left atrium  
left ventricle  
pulmonary artery  
pulmonary vein  
right atrium  
right ventricle  
lower vena cava  
upper vena cava

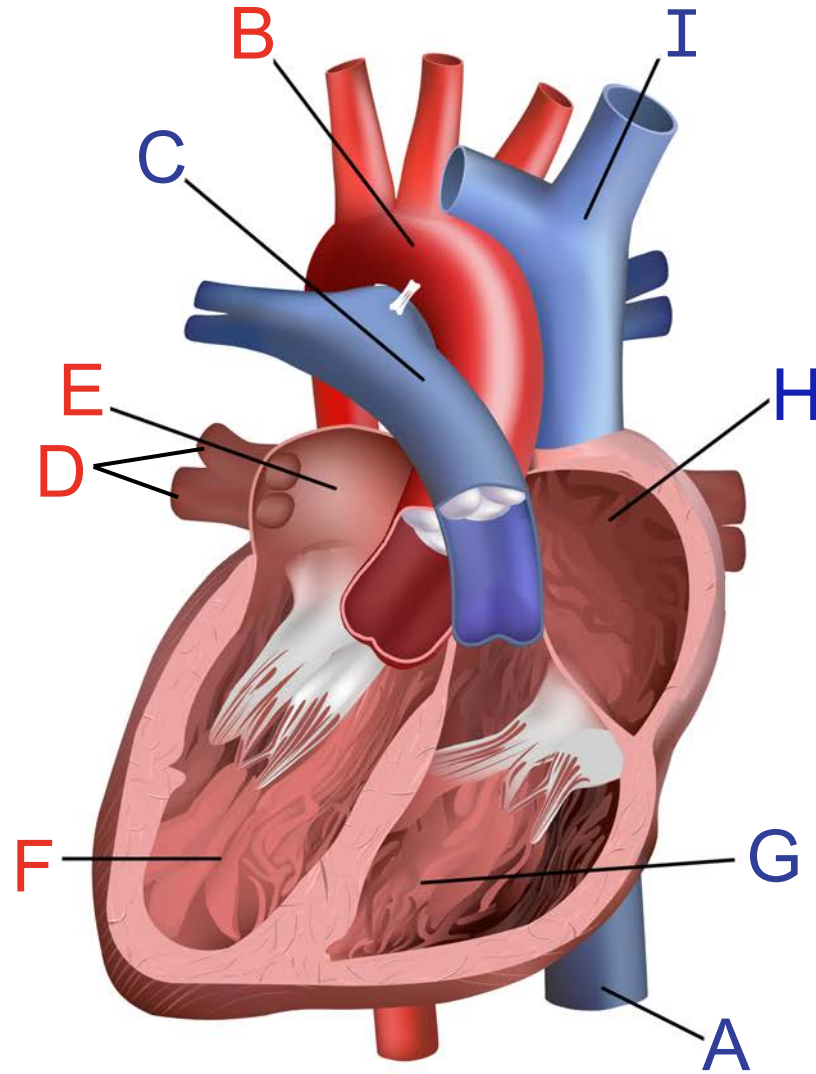
# Heart Chart B

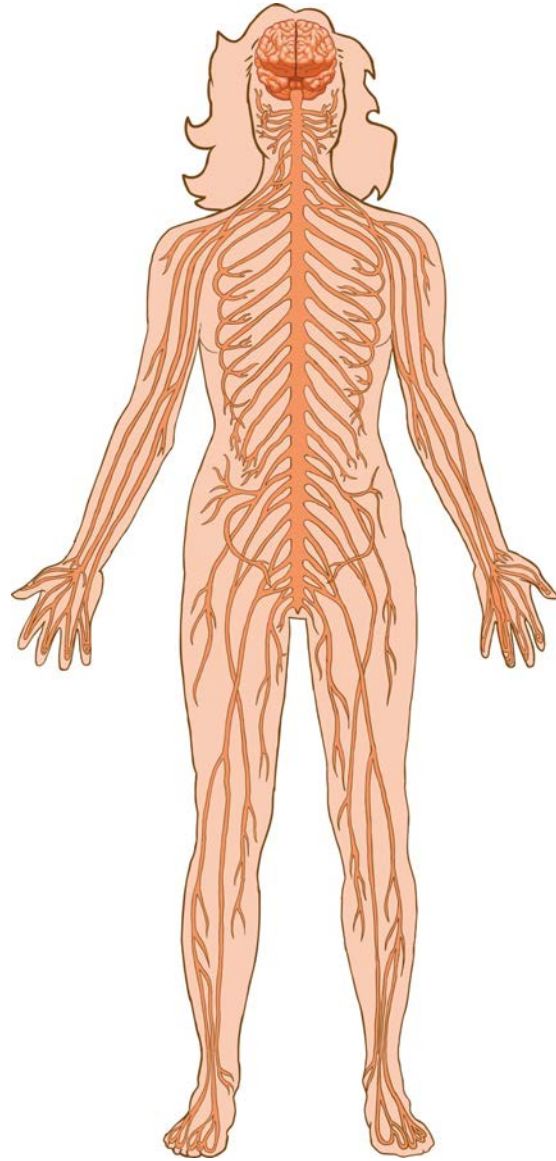


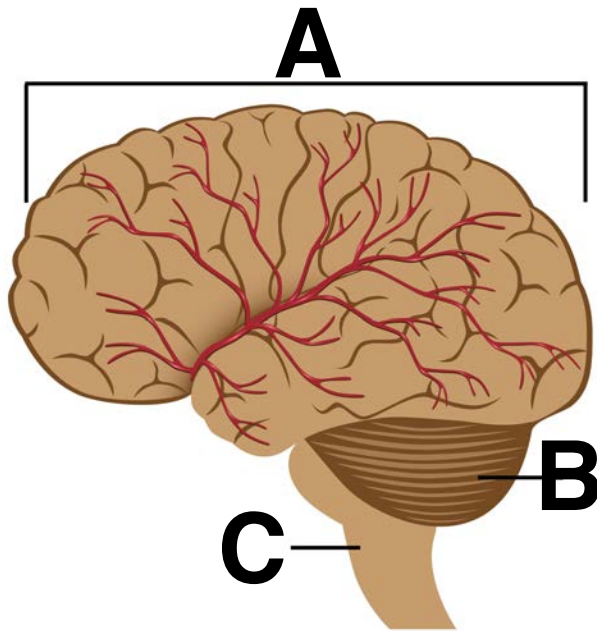
# Heart Chart B



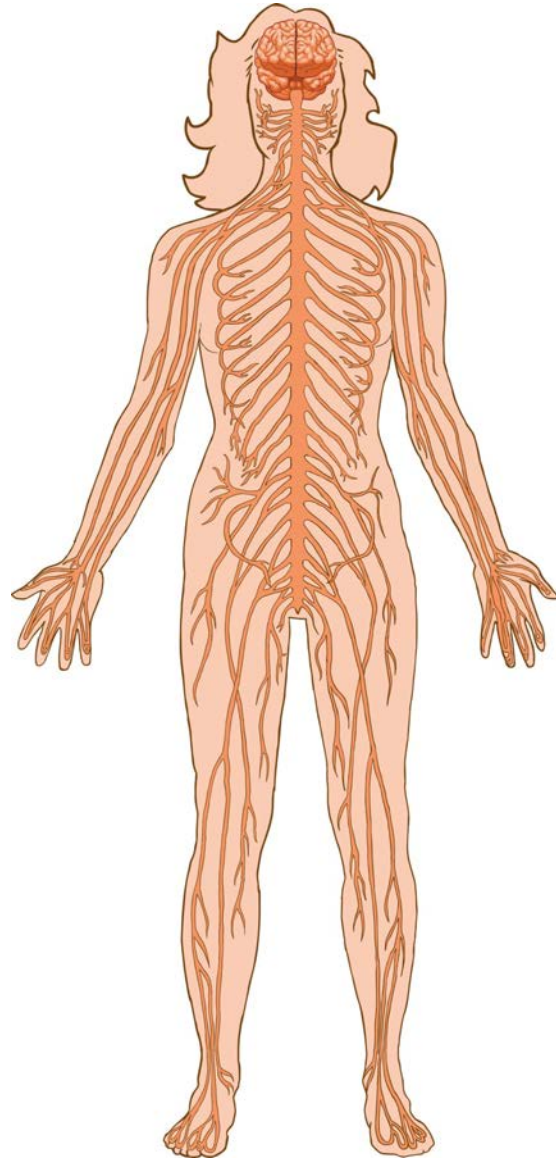
# Heart Chart B

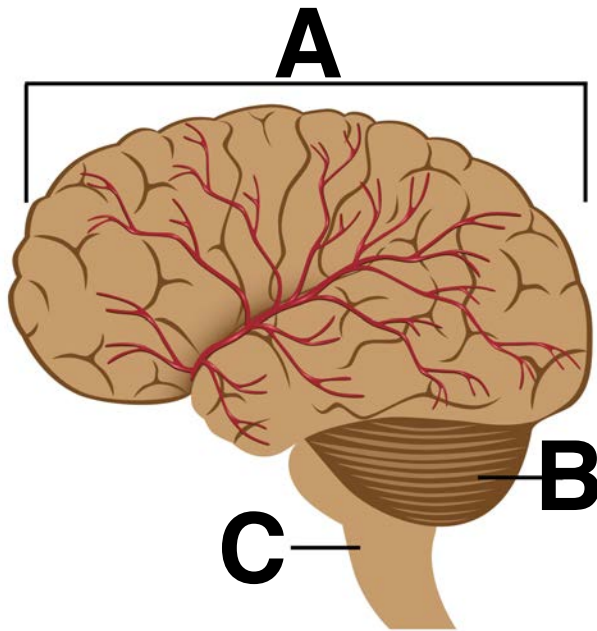






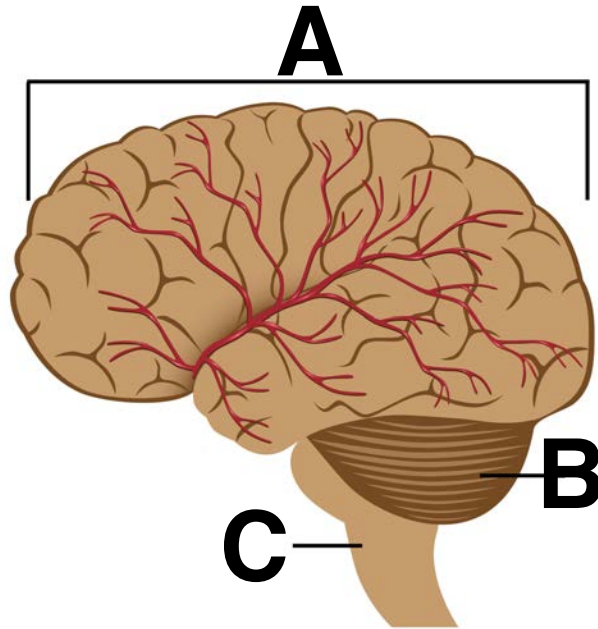
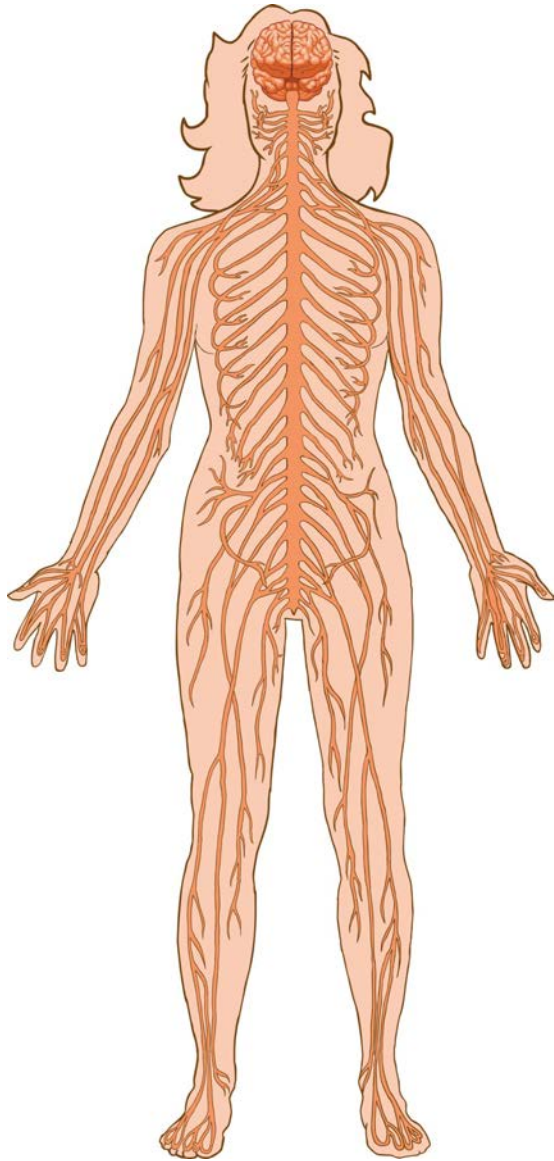
brainstem  
cerebellum  
cerebrum  
corpus callosum  
frontal lobe  
occipital lobe  
parietal lobe  
spinal cord  
temporal lobe



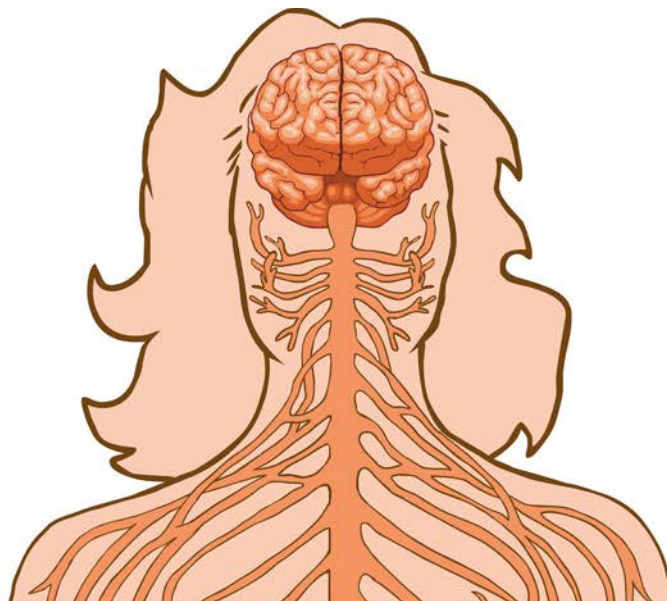


brainstem  
cerebellum  
cerebrum  
corpus callosum  
frontal lobe  
occipital lobe  
parietal lobe  
spinal cord  
temporal lobe

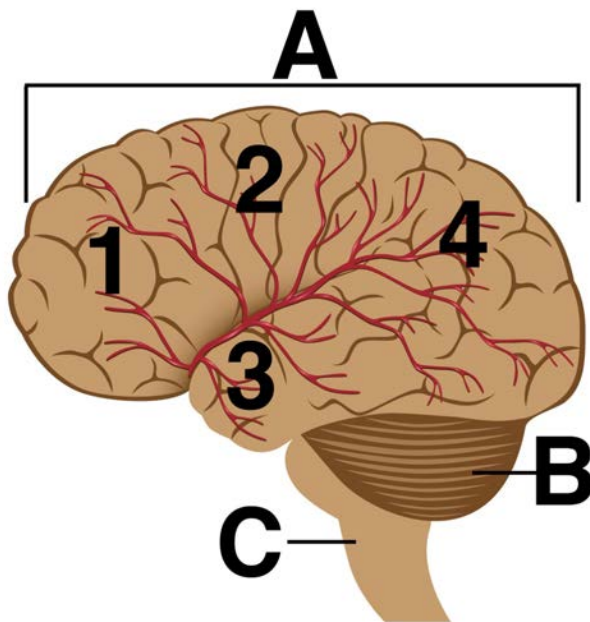
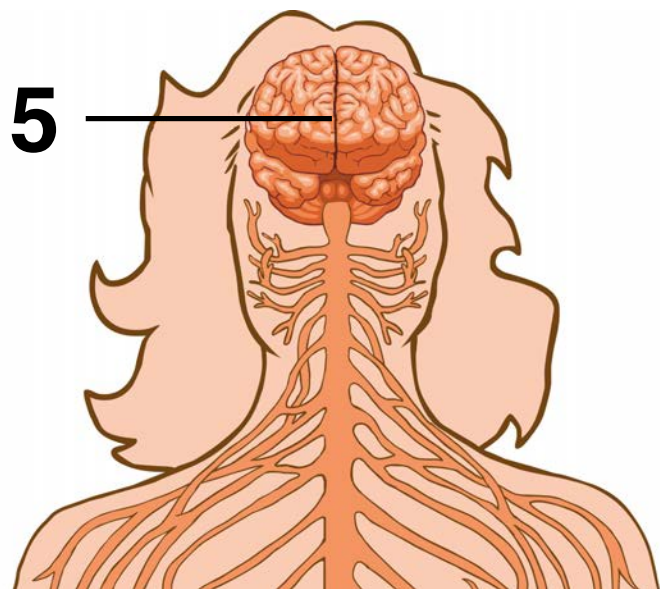




- brainstem
- cerebellum
- cerebrum
- corpus callosum
- frontal lobe
- occipital lobe
- parietal lobe
- spinal cord
- temporal lobe

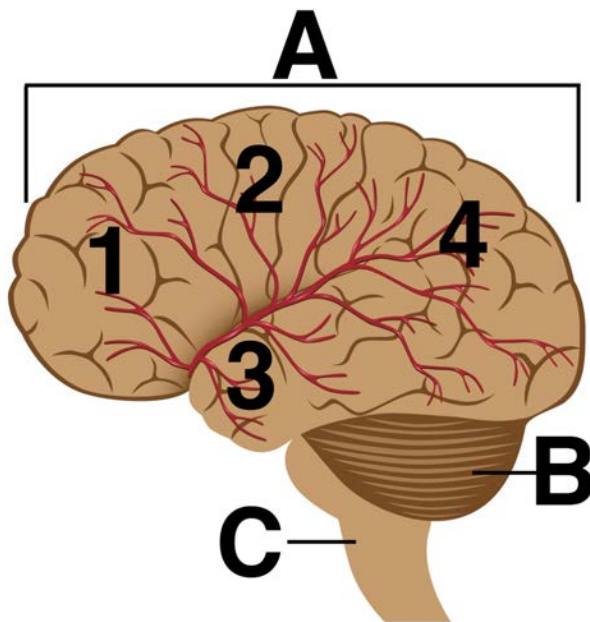
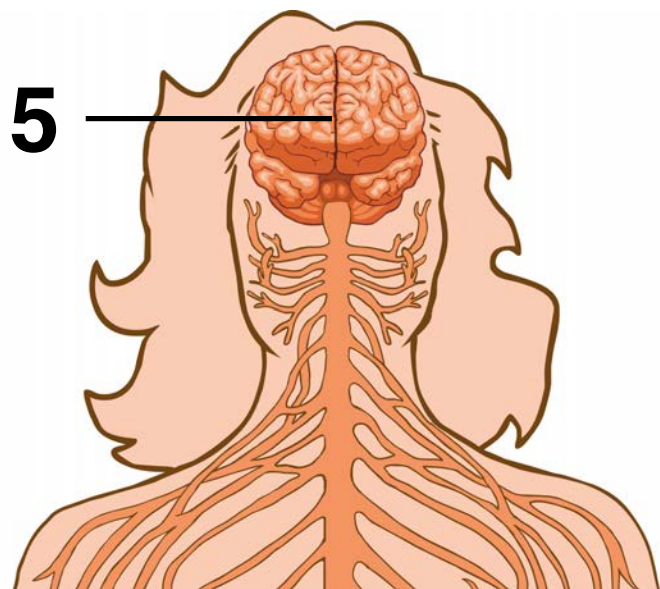


# Nervous System Chart

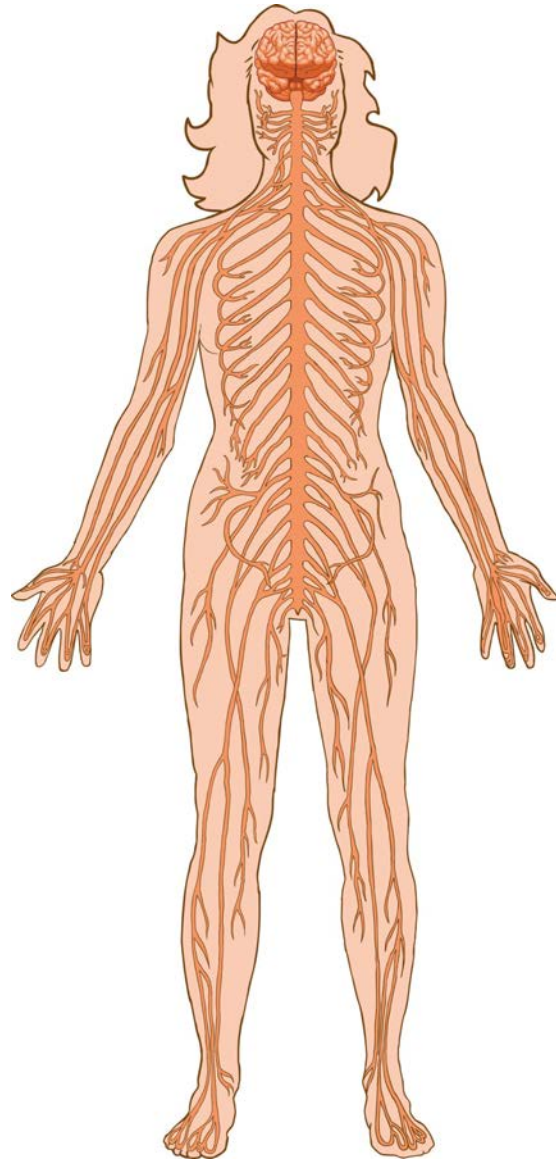


- brainstem
- cerebellum
- cerebrum
- corpus callosum
- frontal lobe
- occipital lobe
- parietal lobe
- spinal cord
- temporal lobe

# Nervous System Chart



brainstem  
cerebellum  
cerebrum  
corpus callosum  
frontal lobe  
occipital lobe  
parietal lobe  
spinal cord  
temporal lobe



evaporation

condensation

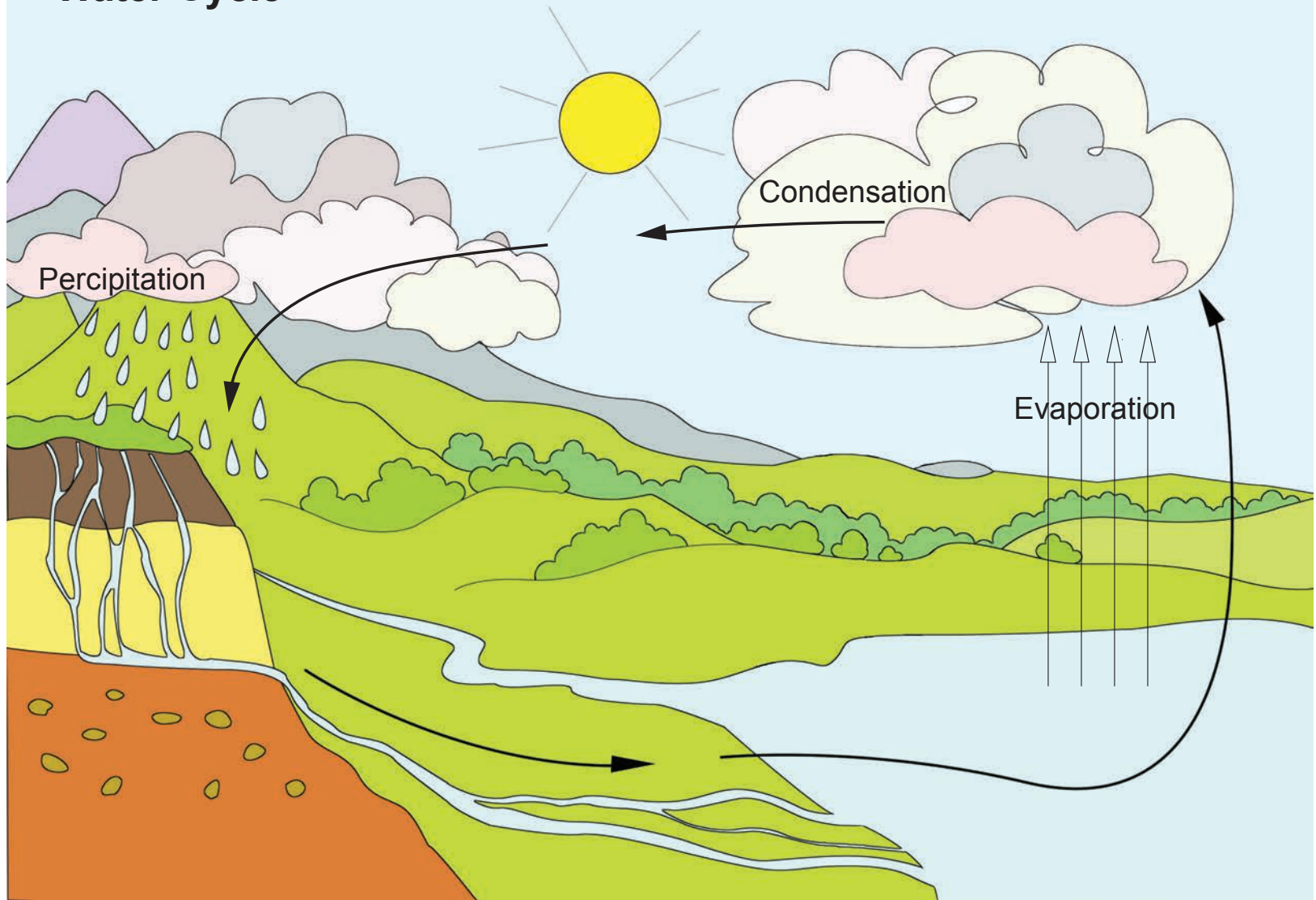
precipitation

evaporation

condensation

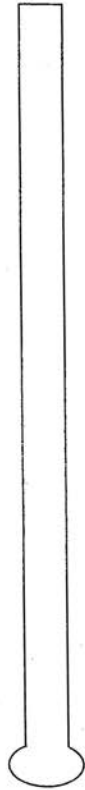
precipitation

# Water Cycle





# Relative Humidity Chart



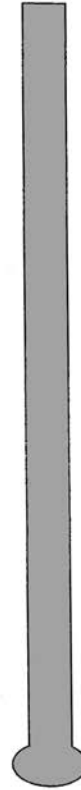
0%

The lowest possible  
Relative Humidity



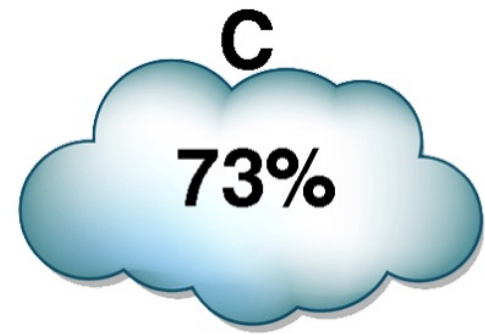
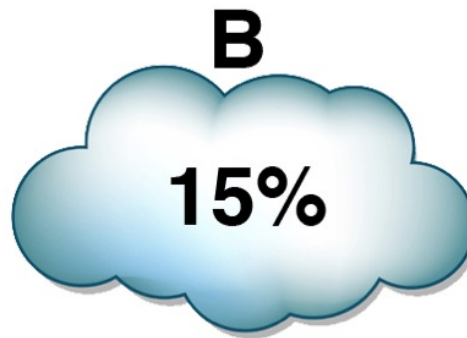
50%

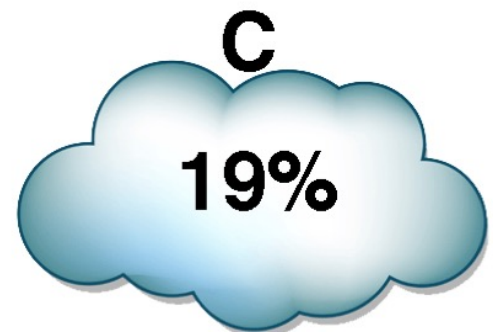
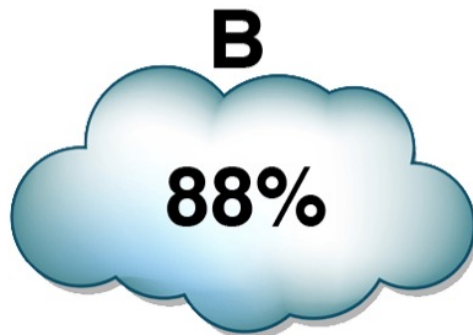
Half the water  
air can hold

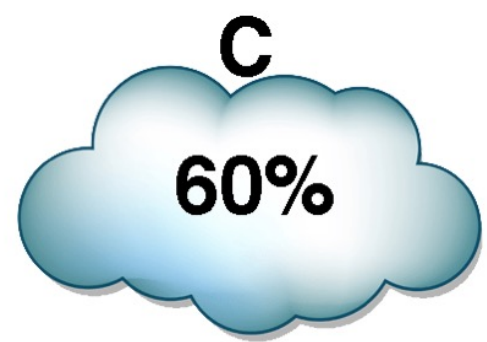
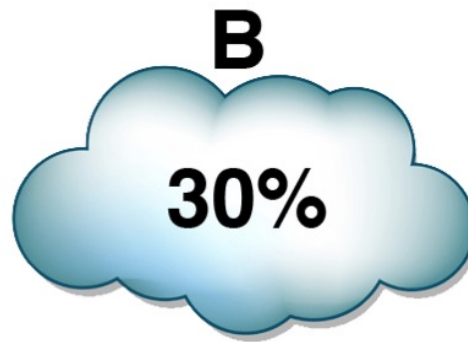
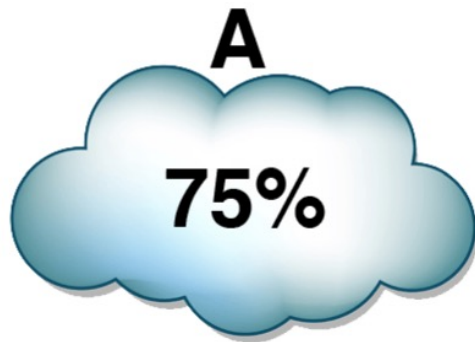


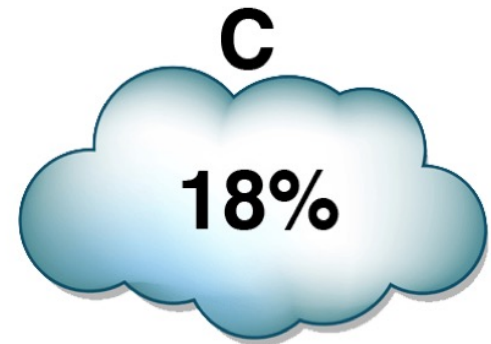
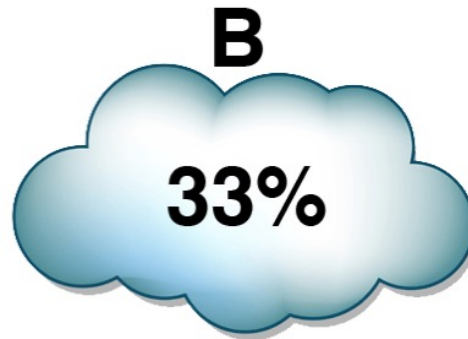
100%

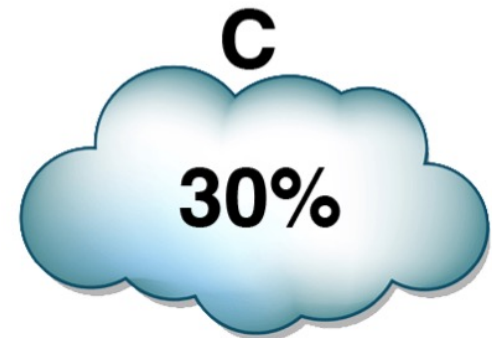
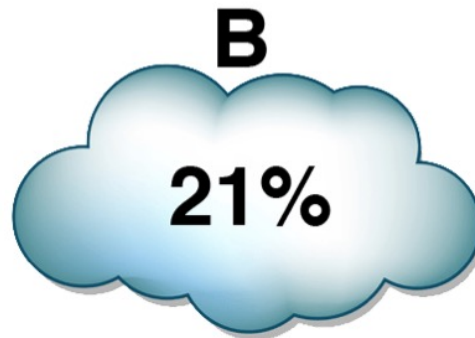
The highest amount of  
water the air can hold

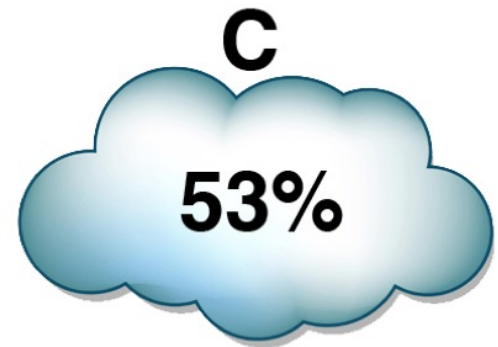
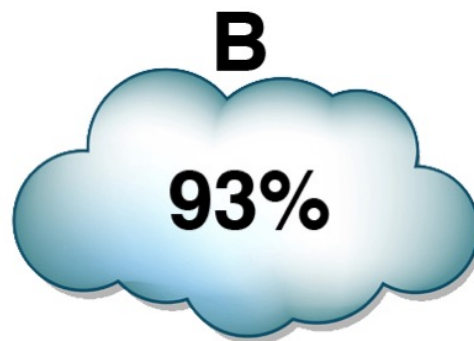


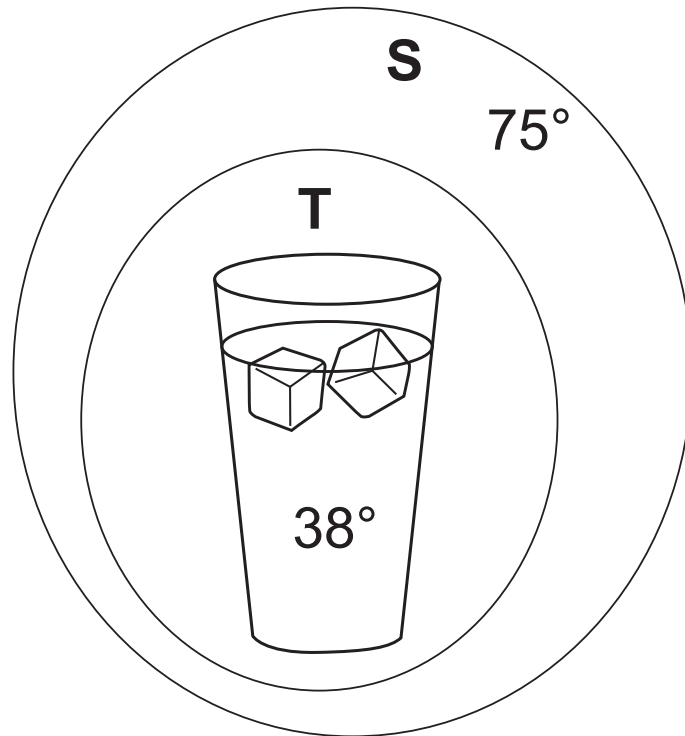




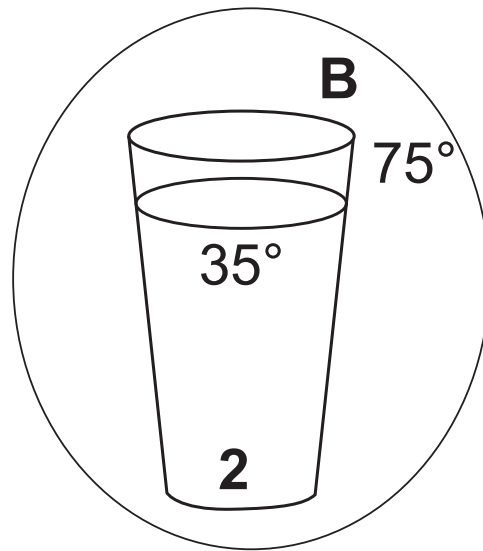
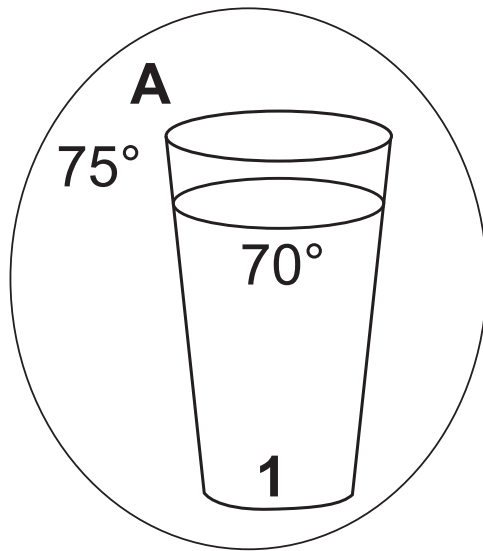


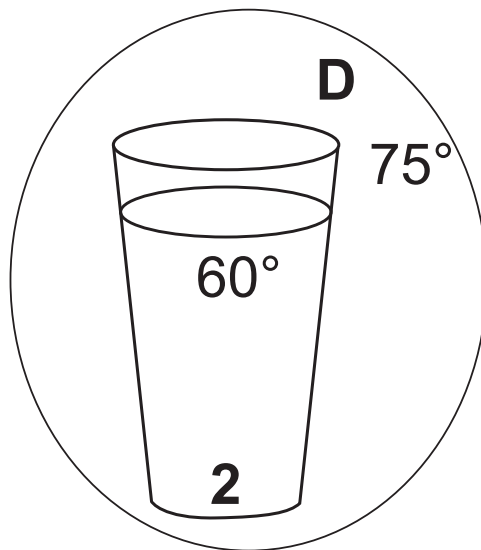
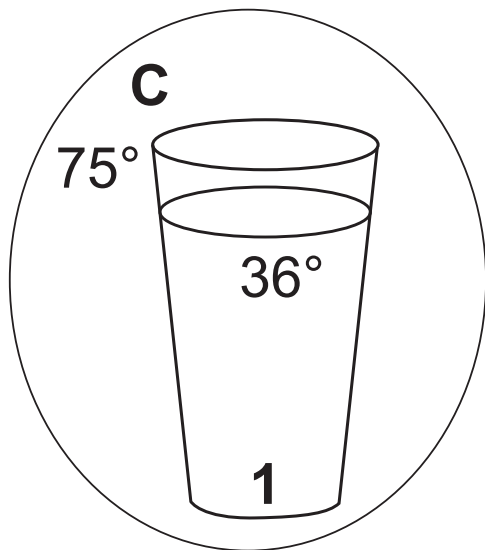








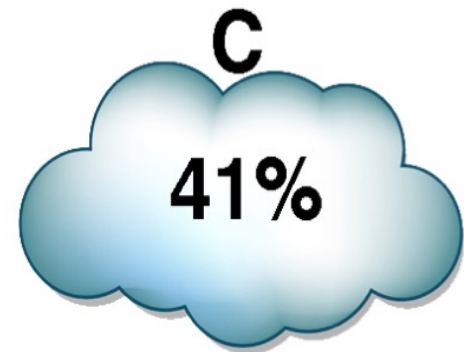
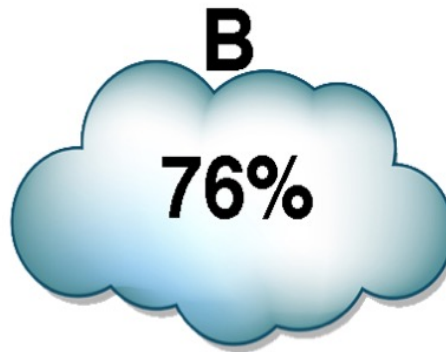


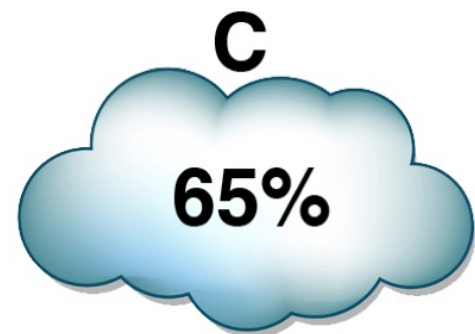
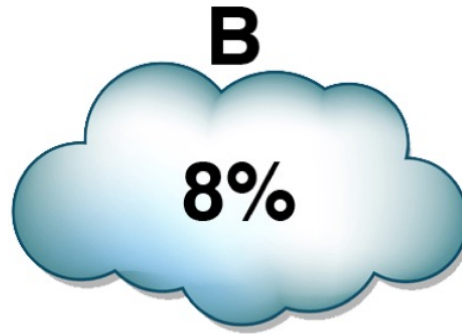


evaporation

condensation

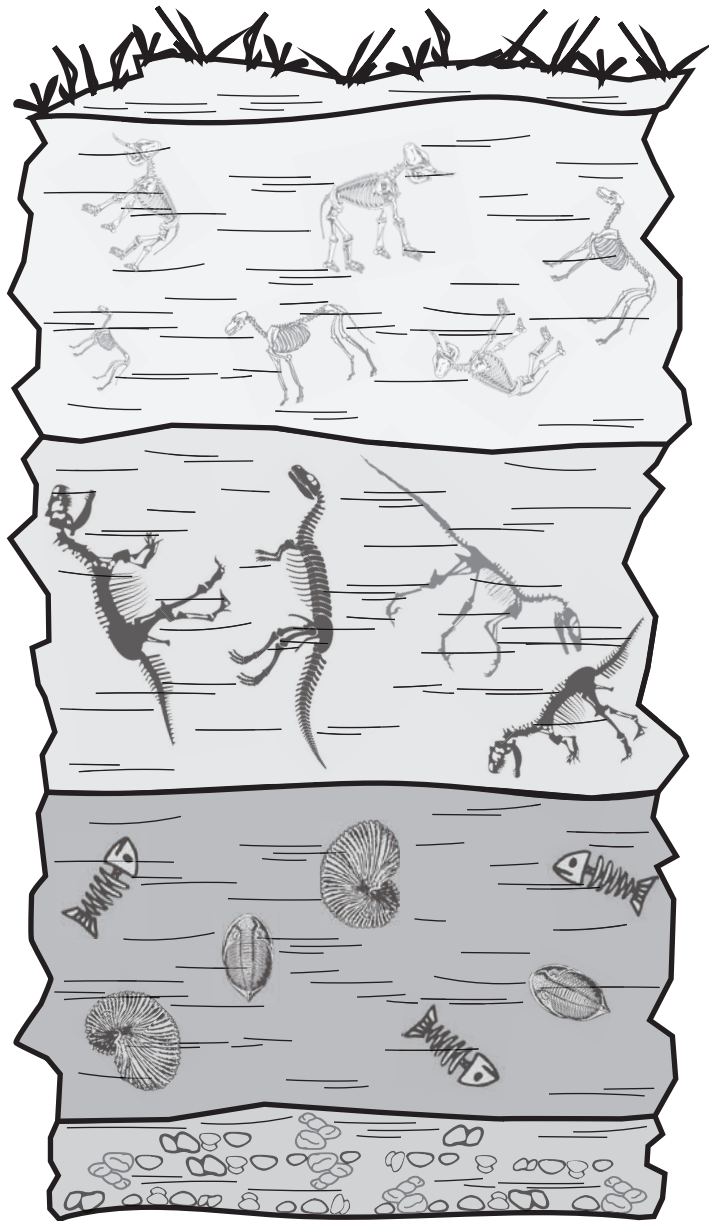
precipitation

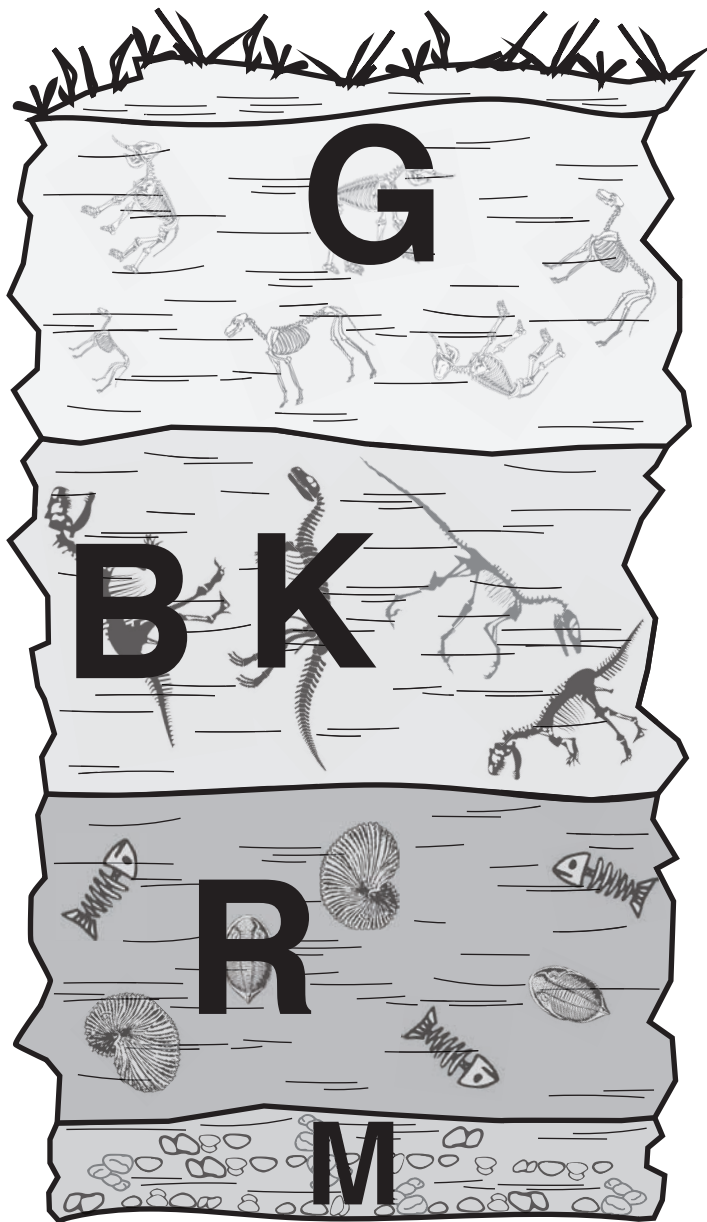




# Challenge Displays

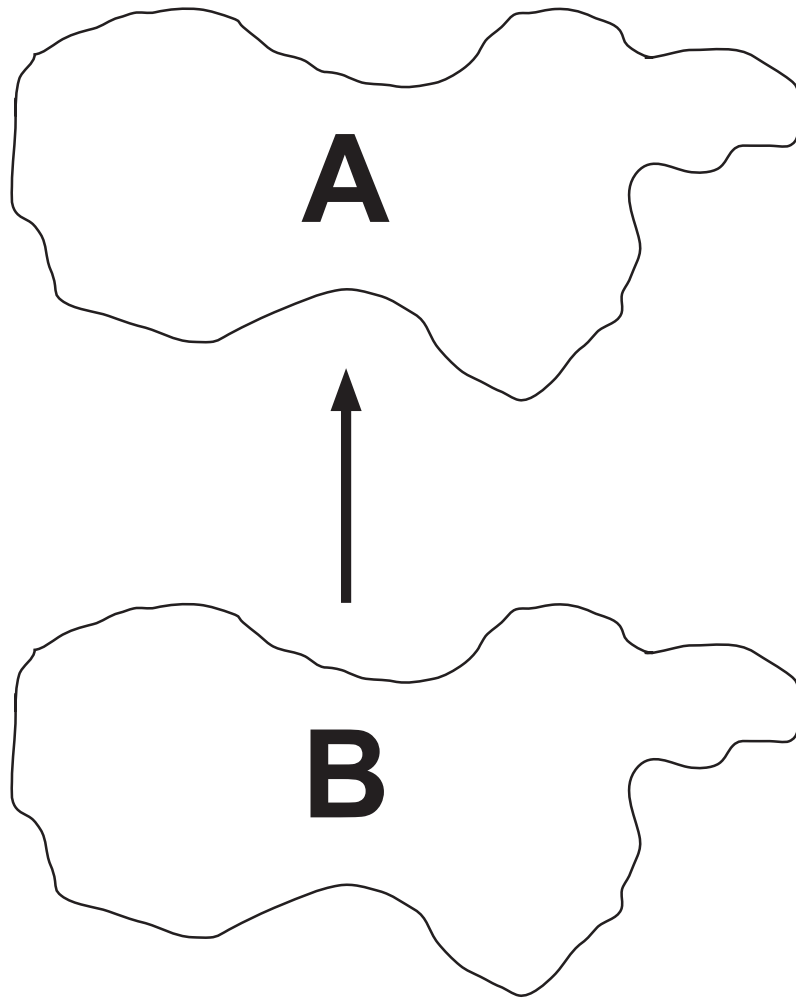


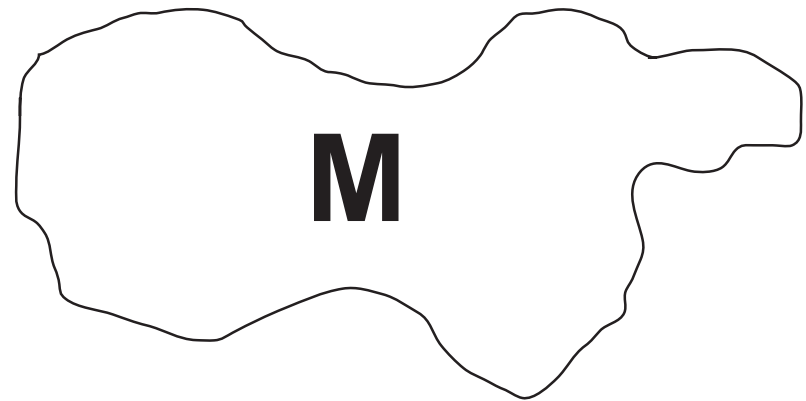
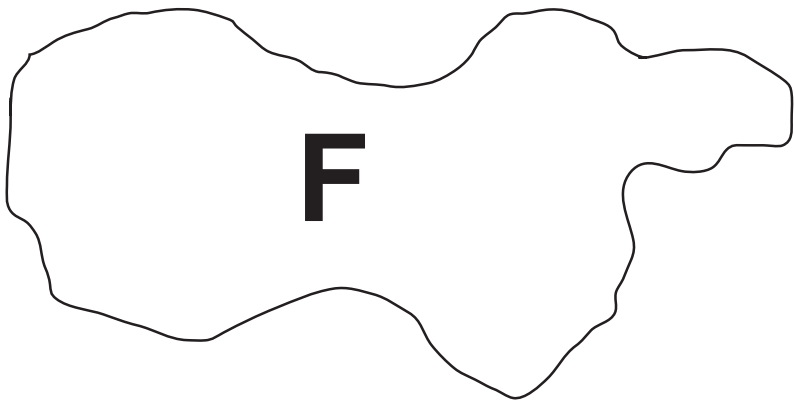


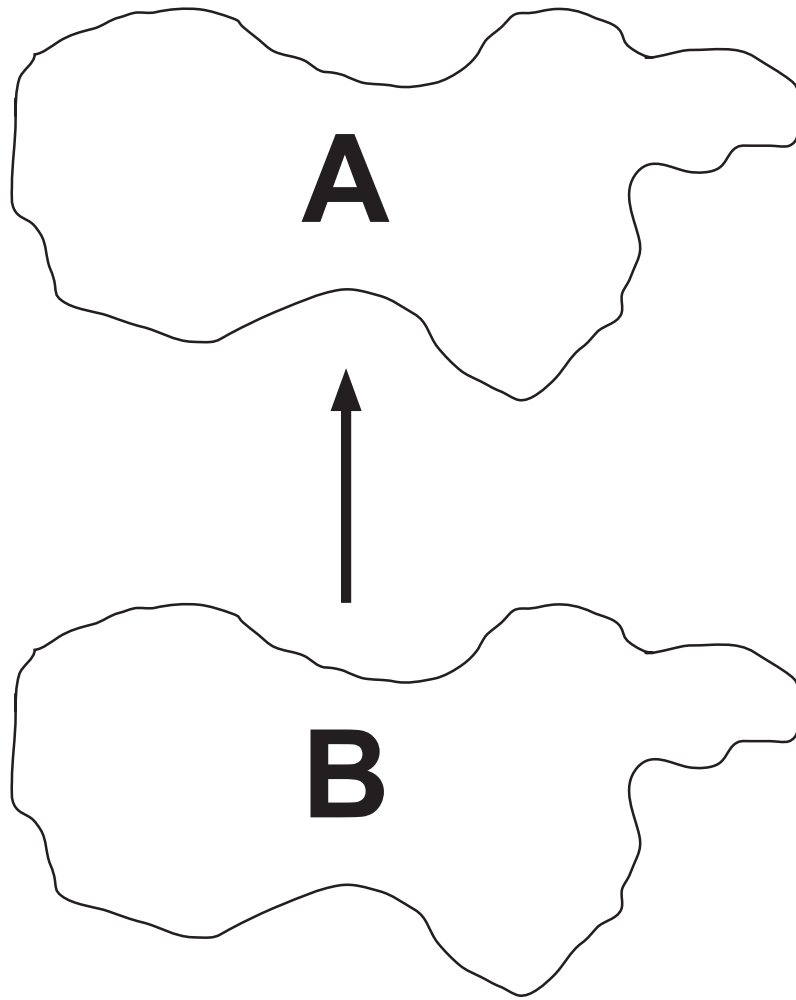




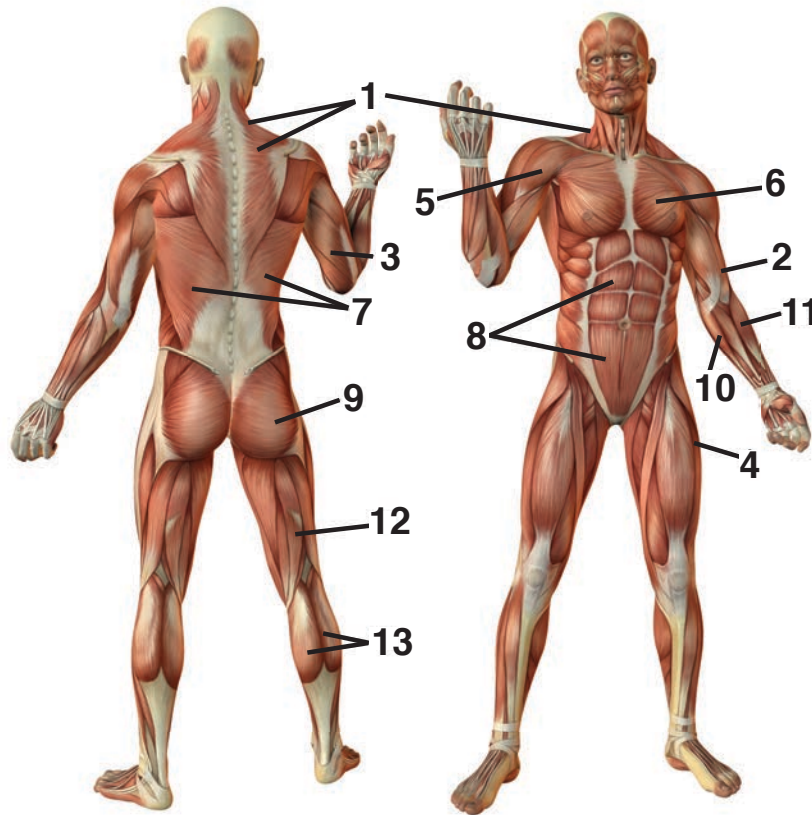
Allosaurus  
Ankylosaurus  
Apatosaurus  
Cretaceous  
Iguanodon  
Jurassic  
Plateosaurus  
Stegosaurus  
Triassic  
Triceratops  
Tyrannosaurus







# Muscles Chart



abdominal muscles  
upper abdominals  
lower abdominals

biceps  
biceps femoris  
deltoid  
forearm extensors  
forearm flexors  
gastrocnemius  
gluteus muscles  
latissimus dorsi  
pectoral muscles  
quadriceps femoris  
trapezius  
triceps

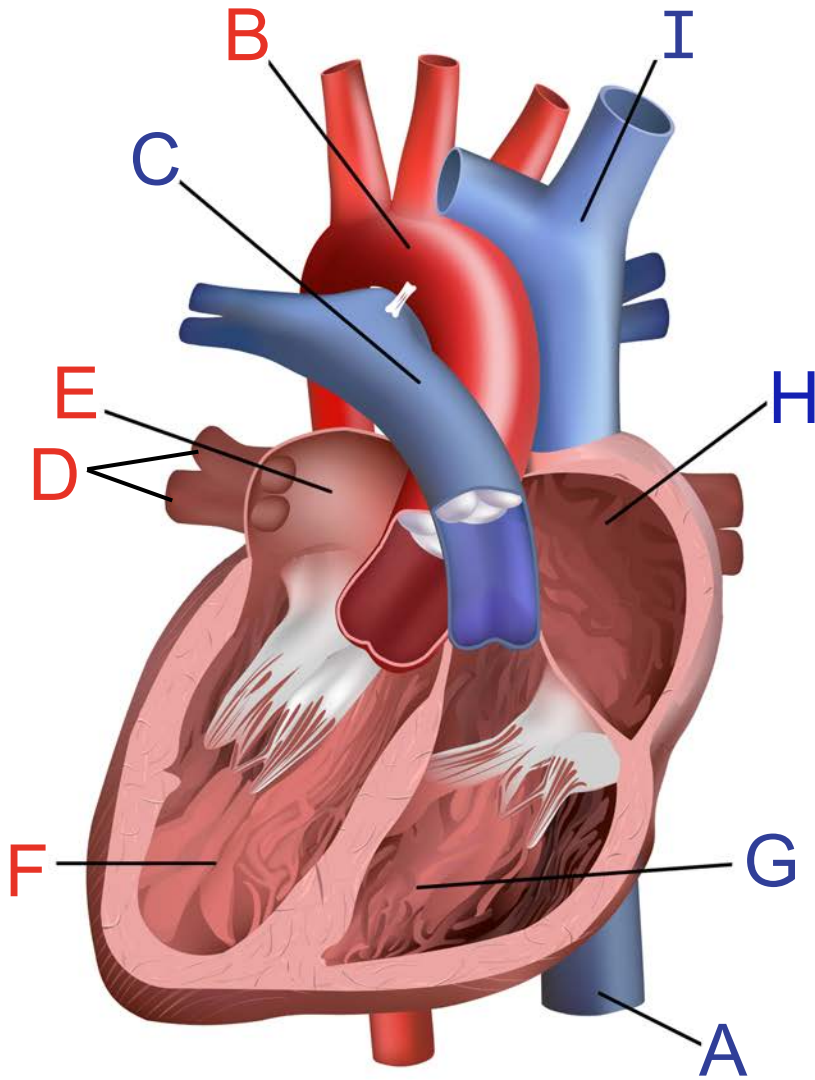
3  meters   week   day   centimeters

A= 740 mph

B= 540 mph

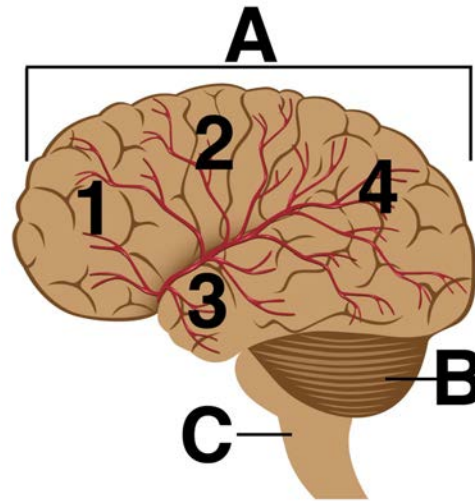
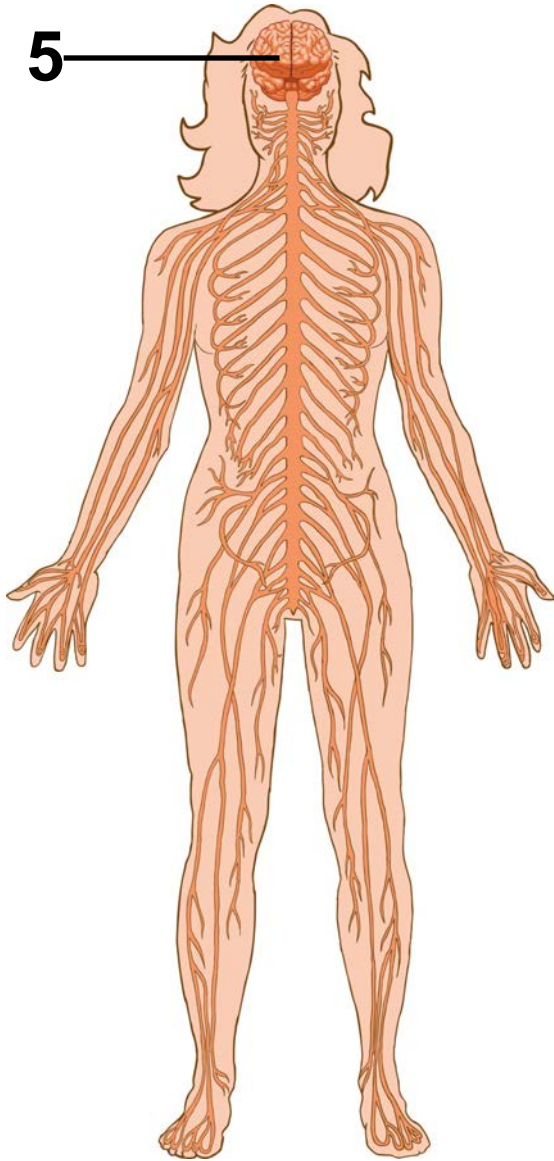
C= 900 mph

# Heart Chart A



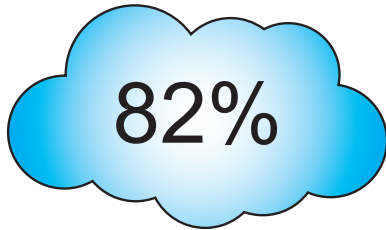
aorta  
left atrium  
left ventricle  
pulmonary artery  
pulmonary vein  
right atrium  
right ventricle  
lower vena cava  
upper vena cava



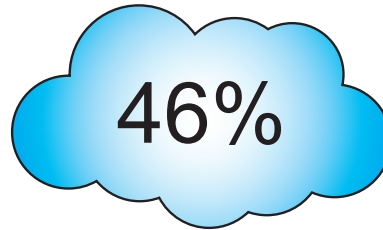


brainstem  
cerebellum  
cerebrum  
corpus callosum  
frontal lobe  
occipital lobe  
parietal lobe  
spinal cord  
temporal lobe

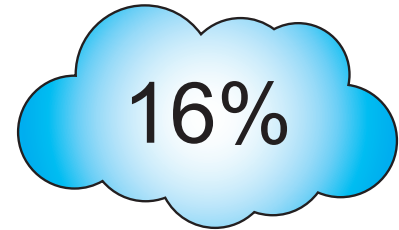
A



B



C





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