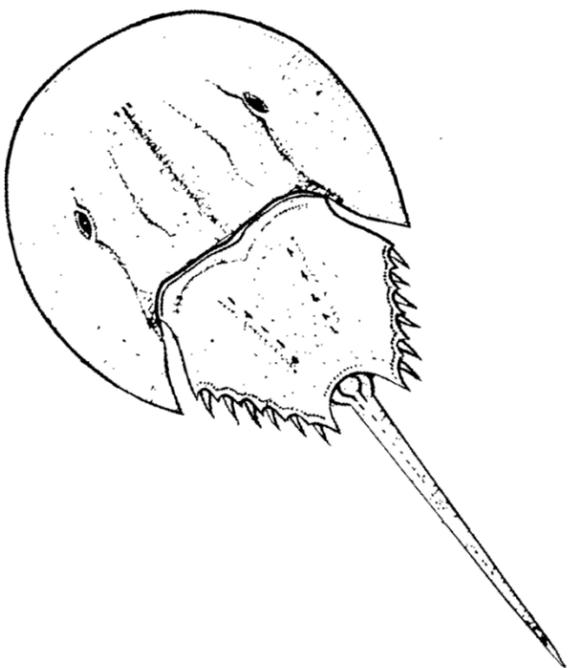


CRAB GRAB* game preparations

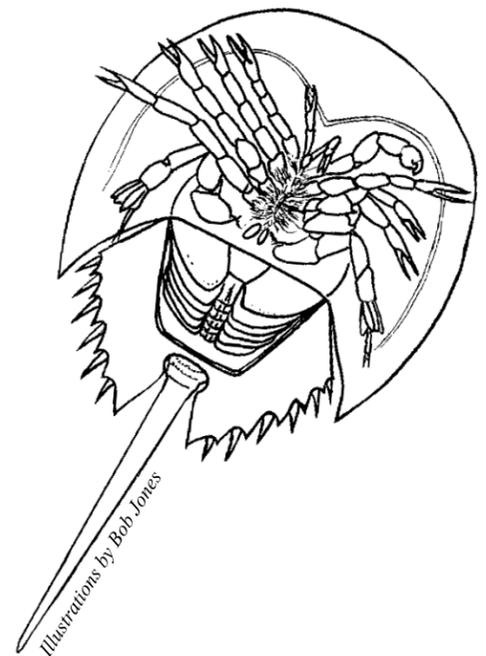
Print, cut-out, and paste the dorsal and ventral anatomy illustrations on to poster board. These are set to print at 11" x 17" size, but can be enlarged further (in the Power-Point page set-up) if you have access to a larger printer.

If possible, laminate the illustrations and place velcro dots next to each of the numbers on the board.

Print, cut-out and laminate the 14 clue cards provided, and place a velcro dot (of the opposite form) on the back side of each of the clue cards.



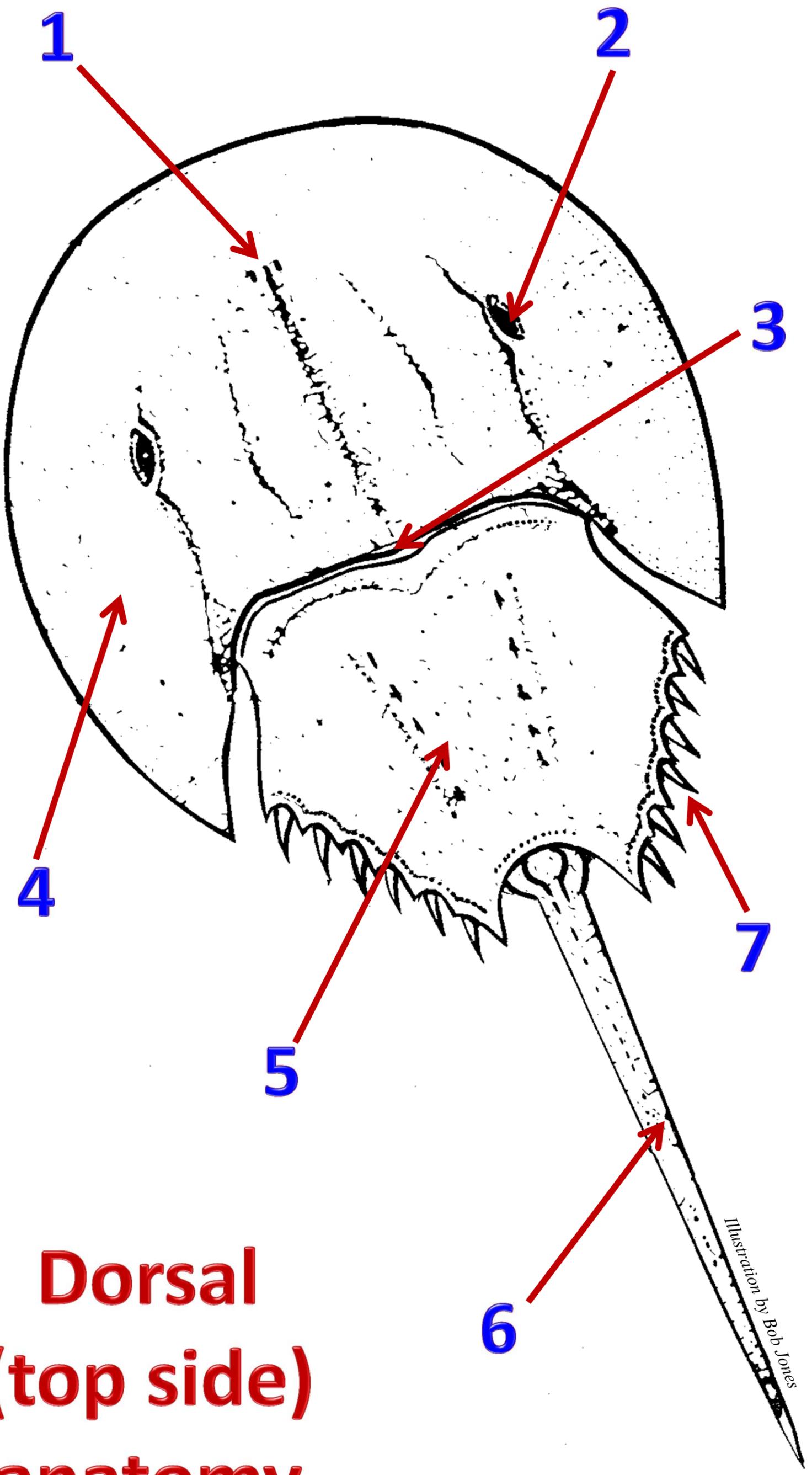
Playing CRAB GRAB



To play the game, shuffle up the clue cards, then call on students one-by-one to come up and pick a clue card and try to match it with the numbered horseshoe crab anatomy part on either drawing that they think it best fits.

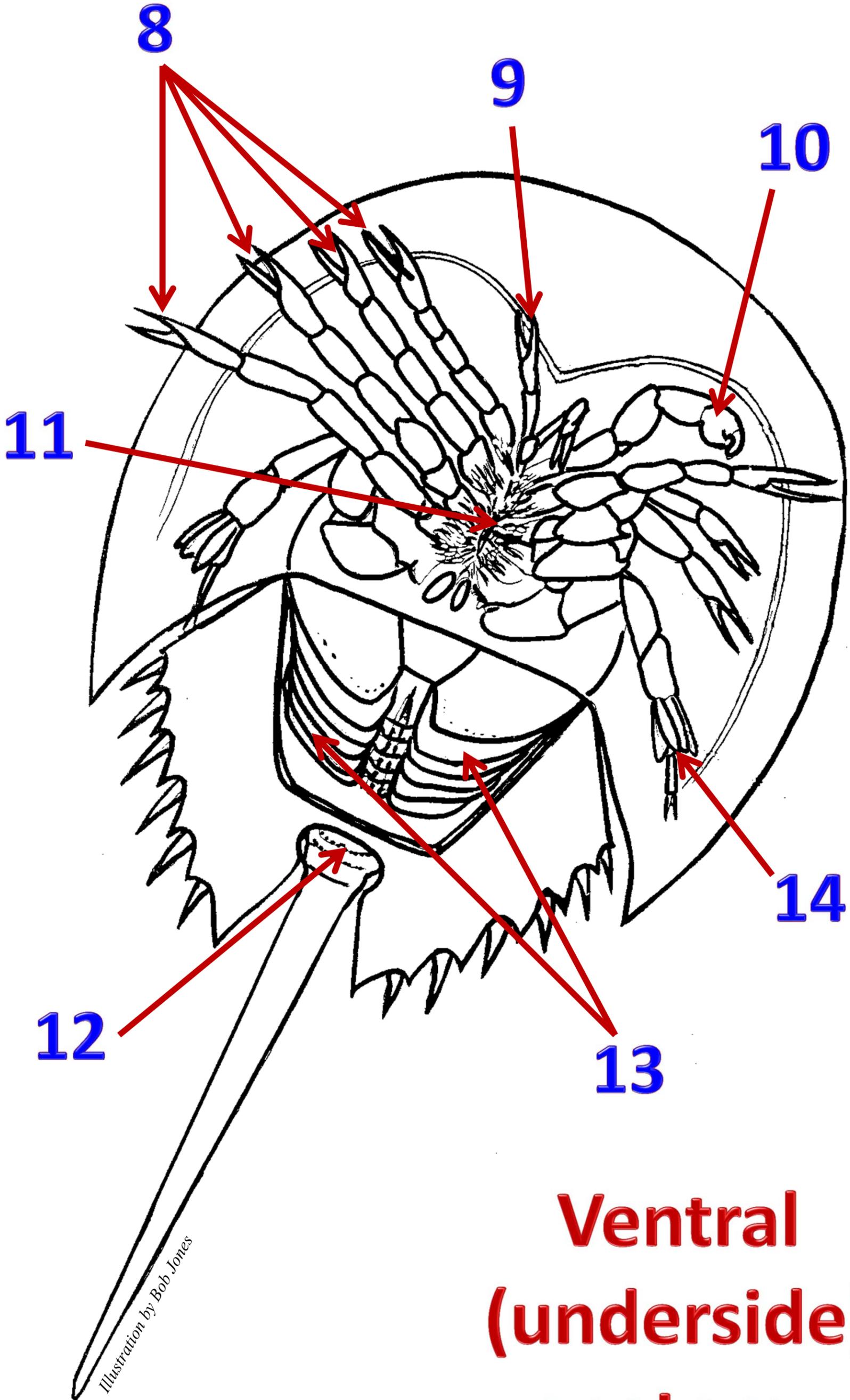
If mistakes are made, offer further clues, or call on other members of the class to help make the correct match. Correct matches are indicated on the slide 5 answer key.

** This activity was developed by, and is offered with the permission of: Bob Jones for the Delaware Aquatic Resources Education Program*



**Dorsal
(top side)
anatomy**

Illustration by Bob Jones



**Ventral
(underside)
anatomy**

Illustration by Bob Jones

My two SIMPLE EYES allow me to tell when it is light or dark outside

My 4 pairs of WALKING LEGS help me move and gather food along the bottom.

My COMPOUND EYES are made up of hundreds of tiny image-forming facets.

I use my two little FEEDING CLAWS to eat with, just like you use a fork and spoon.

The HINGE in the middle of my back helps to make my body more flexible.

Males of my kind have special CLASPER CLAWS for attaching to females during spawning.

The large horseshoe-shaped front part of my shell is called the PROSOMA.

My MOUTH is unusual in that it sits in the middle of my body between my legs.

OPISTHOSOMA is the fancy-name used for the middle section of my body.

Please don't ever pick me up by my tail – doing so can damage this strong MUSCLE.

My TELSON is used to help me right myself when flipped over on the beach.

My five pairs of thin plate-like BOOK GILLS help me in breathing and swimming.

Sharp SPINES along the rear of my shell help me feel my way along the bottom.

Special PUSHER FEET on my back pair of legs help me dig and move through the sand.

answer key

My two SIMPLE EYES allow me to tell when it is light or dark outside

1

My 4 pairs of WALKING LEGS help me move and gather food along the bottom.

8

My COMPOUND EYES are made up of hundreds of tiny image-forming facets.

2

I use my two little FEEDING CLAWS to eat with, just like you use a fork and spoon.

9

The HINGE in the middle of my back helps to make my body more flexible.

3

Males of my kind have special CLASPER CLAWS for attaching to females during spawning.

10

The large horseshoe-shaped front part of my shell is called the PROSOMA.

4

My MOUTH is unusual in that it sits in the middle of my body between my legs.

11

OPISTHOSOMA is the fancy-name used for the middle section of my body.

5

Please don't ever pick me up by my tail – doing so can damage this strong MUSCLE.

12

My TELSON is used to help me right myself when flipped over on the beach.

6

My five pairs of thin plate-like BOOK GILLS help me in breathing and swimming.

13

Sharp SPINES along the rear of my shell help me feel my way along the bottom.

7

Special PUSHER FEET on my back pair of legs help me dig and move through the sand.

14