

Name _____ Date _____ Hour _____

ACTIVITY 16.1

UNIT WORD SEARCH

aquaculture
brackish
brood stock
cages
catfish

crustaceans
dredges
ectothermic
efficient
fingerlings

fishery
fry
oxygen
roe
socks

stocker
tanks
weigh backs

E A Y S Q B E G P Q M L T I D M W E W S G S
U R O A C C A S K K C R A U N V E R E E W S
B V U X H K N H S I K C A R B D B W I G V N
J R X T Y S T A M H X A U C R F U T G D E A
F J O L L G I R M D S G S K N A T L H E O E
F V A O O U E F I N G E R L I N G S B R R C
X S Y N D H C N T E K S Q C J B O D A D I A
Z M B L T S N A F A X Q Z Z Q C C U C B F T
Y O Y O C J T F U G C V D Z K G Y P K R D S
S N T R H I I O J Q D A R S W R H V S R V U
Z C H A F C C K C K A V M C E S T O C K E R
E Z Z J I Q C T Y K F P U H N U G B C F X C
M B Y E W I N R R J L I S A T E K Z Q O L L
Q S N W V U N W A U B I U P E S P G E X Q O
M T S P W I G X L D F O F C V T A T Z G V K

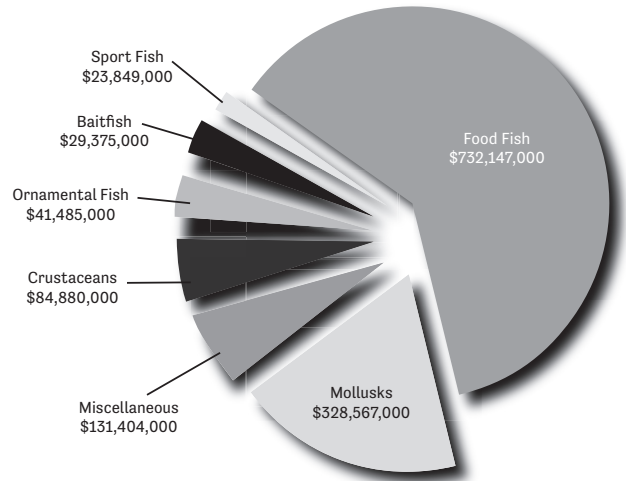
ACTIVITY 16.2 PRODUCT PERCENTAGES

Student Materials

Pencil
Calculator

A pie graph is often used to show parts of a whole. From the aquaculture pie chart, you can see that aquaculture brings in over one-trillion dollars each year with food fish having the highest amount.

Value of Aquaculture Products Sold by Type*
U.S. Total - \$1,371,707,000



*based on 2013 USDA Census of Aquaculture data

- By looking at the chart, what percentage for food fish would you estimate?

- Which segments will have approximately the same percentage?

To calculate the percentage, take the dollar amount for a segment and divide it by the U.S. total. Striking out the ending zeros will not affect the answer as long as the same number of zeros is marked out for both. This will make the numbers easier to use in your calculator. Then multiply your answer by 100. Round your answer to the nearest hundredth.

Example: Sport Fish $\frac{\$23,849,000}{\$1,371,707,000} = 0.01739 \times 100 = 1.74\%$

Baitfish _____ Ornamental Fish _____

Crustaceans _____ Mollusks _____

Food Fish _____ Miscellaneous _____

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ACTIVITY 16.3

WHAT FISH WOULD YOU BE?

Student Materials

- Pencil
- Library books
- Internet access

Imagine that you could be any fish in the world. What would you be? Collect information about the fish you chose and answer the following questions.

1. Describe your "home." _____

2. What do you eat? _____

3. What part of the world would you live in? _____

4. How do you protect yourself from predators? _____

5. What do you look like? _____

6. Provide two interesting facts about yourself. _____

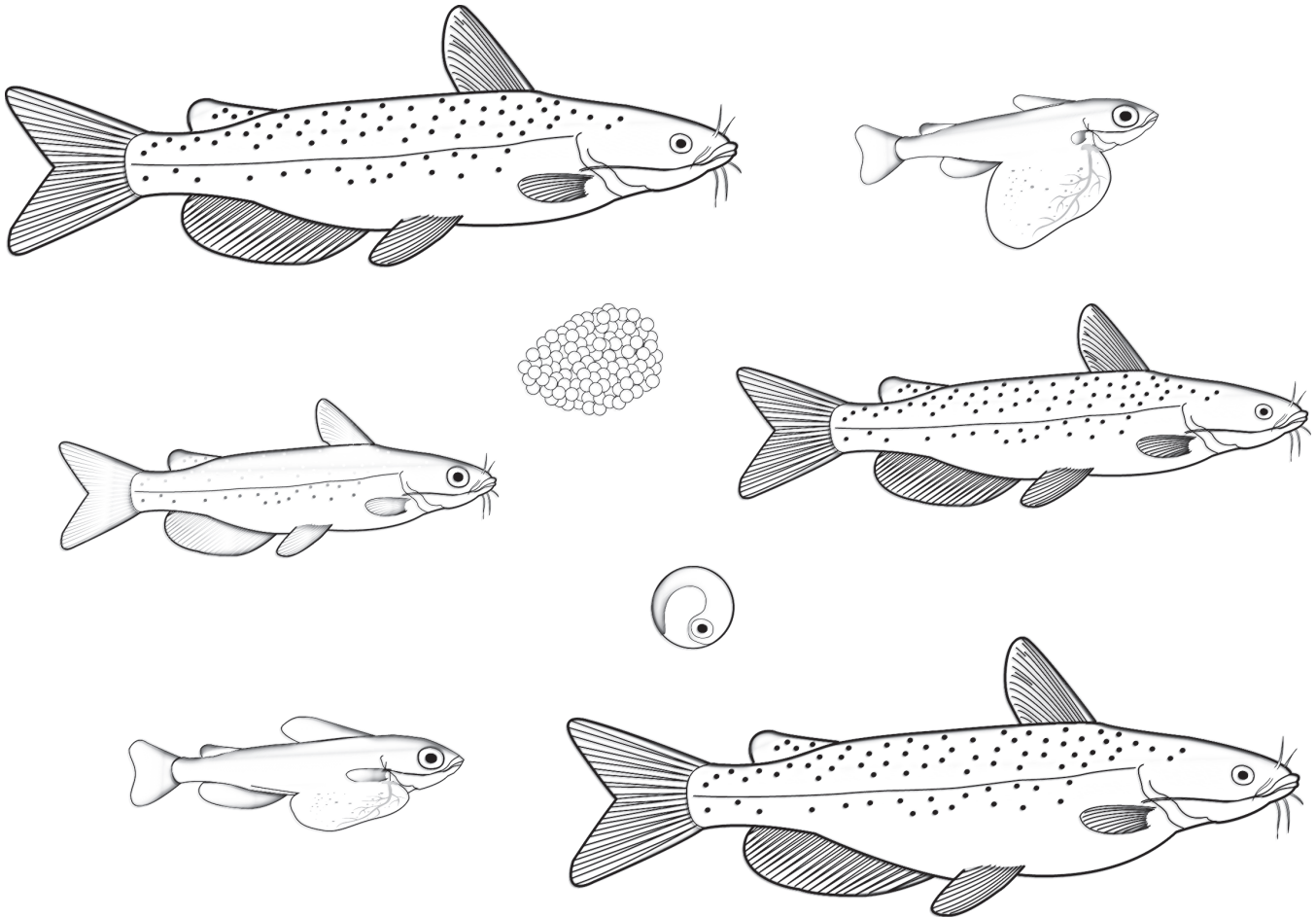
7. Draw a picture of yourself on the back of this paper. _____

ACTIVITY 16.4 FISH LIFECYCLE

Student Materials

- Scissors
- Colored pencils/markers
- Glue
- Poster board (1/4 sheet)

Make your own fish lifecycle by cutting out the fish below and pasting them to your poster board. Be sure to color each fish and label with each step of the cycle.



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ACTIVITY 16.5

FISH PRODUCTION

Student Materials

Pen or pencil
Colored pencils or markers
Poster board
Glue
Resources on fish production

Directions

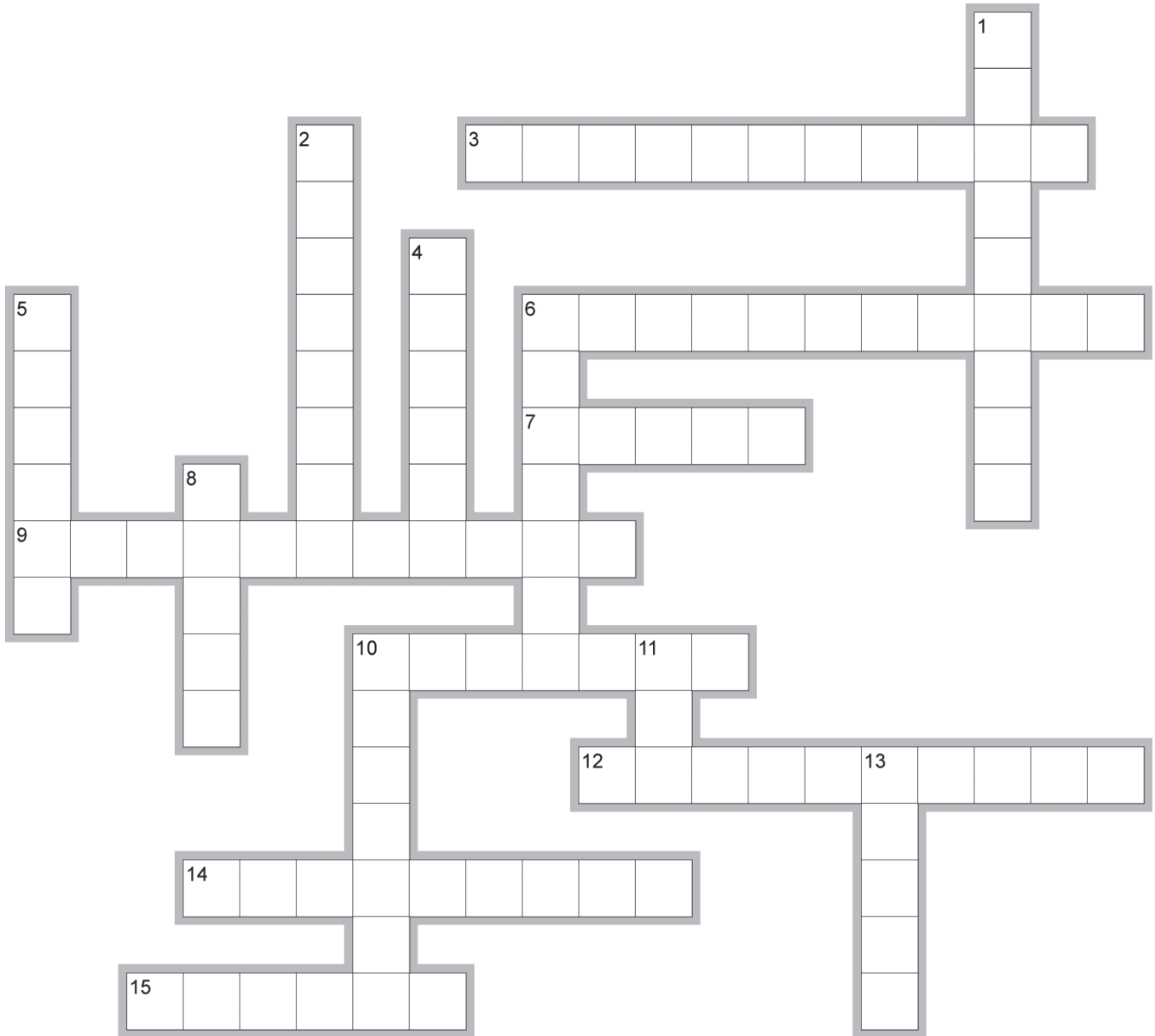
Choose one type of fish production that you find interesting. For example, channel catfish or koi. Create a poster on your chosen fish production following the guidelines listed below.

- Include a description of the type of fish
- Include resources needed for the fish production
- Include graphics and/or photos
- Describe facts you find most interesting about the fish production
- Include a list of the resources used

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ACTIVITY 16.6

UNIT REVIEW CROSSWORD



EclipseCrossword.com

Across

3. growing or caring for animals in water
6. has three body parts
7. cool-water fish
9. get temperature from surroundings
10. fish raising
12. dead fish
14. Fish are ____ animals.
15. large scoop

Down

1. type that lives in water around 85 degrees
2. semi-salty
4. type of mollusk
5. Fish can die without ____.
6. important food source fish
8. harvesting nets
10. one of the oldest businesses
11. mass of eggs
13. Adult ____ stock are kept for reproduction.