

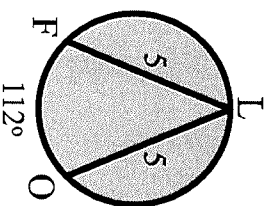
# Movie Trivia

# Finding Nemo

## Arcs & Chords

Solve each problem. The word or phrase next to the equivalent answer will complete the question/statement correctly.

1. Find the measure of arc  $IO$ .



A diver takes a picture of Marlin, Nemo's father, and blinds him temporarily. What was the brand name of the camera?

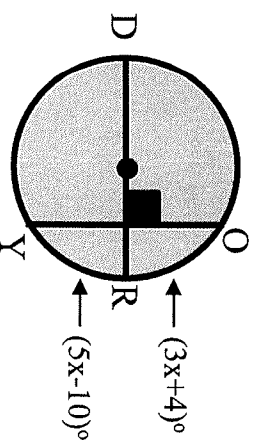
a. 124° **Sea Meister**

b. 148° **Aqua Byte**

c. 112° **Finatic Fun**

3. Using the picture from #2, what is the measure of arc  $OY$ ?

2. Find  $x$ .



Complete the quote made by Marlin, Nemo's father: "I didn't come this far to be \_\_\_\_\_!"

a. 6 **caught**

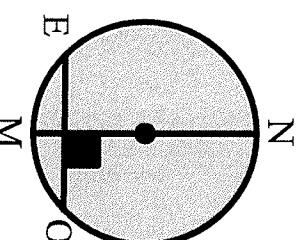
b. 7 **breakfast**

c. 8 **shark bait**

4. Given the measurements below, how far is chord  $ED$  from the center of the circle?

$$EO=48$$

$$r=30$$



Dory, forgetful as she is, calls Nemo numerous other things besides his actual name. Which of the following names does she NOT call him during the movie?

a. 30 **Fabio**

b. 40 **Chico**

c. 50 **Ringo**

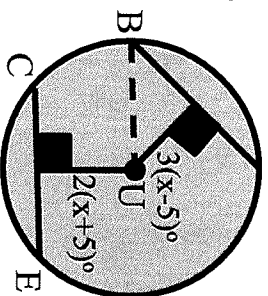
A school of silverfish do an impression of an octopus. What does Dory guess they are impersonating?

a. 16 **An oyster**

b. 18 **A clam**

c. 20 **A silverfish**

5. Find  $x$  if chord  $BR$  and  $CE$  measure 50.



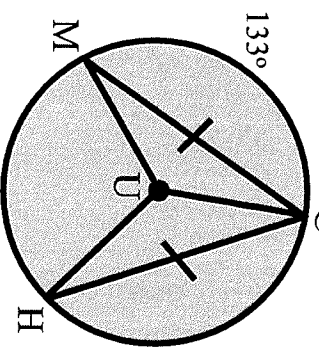
6. Using the picture and information obtained from #5, what is the measure of the dotted line segment  $UB$ ?

There are several references to other Pixar films in P. Sherman's dental office waiting room. Which of the following was NOT shown?

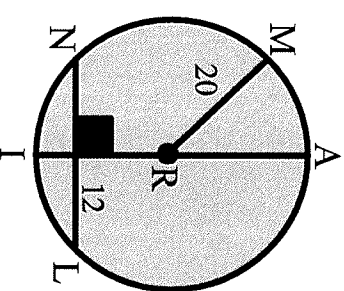
- a. 25 Flik's telescope from A Bug's Life  
 b. 24 A Buzz Lightyear from Toy Story  
 c. 23 Boo's teddy bear from Monster's Inc.

- In the dentist's office, what was the name of the fish tank filtration system?
- a. 63 NomoAlgae 1000  
 b. 64 H2Ogoo 5402  
 c. 65 Aquascum 2003

7. Find  $m\angle MGH$ .



8. Find the distance from  $I$  to chord  $NL$ .



The filtration system mentioned in the previous question announces water temperature. What temperature does it first announce?

- a.  $47^\circ$  82 degrees  
 b.  $59^\circ$  84 degrees  
 c.  $94^\circ$  86 degrees

On their way to find Nemo, Dory and Marlin have to travel through a jellyfish colony. How many jellyfish does the colony contain?

- a. 3 25,862  
 b. 4 74,472  
 c. 5 102,309