

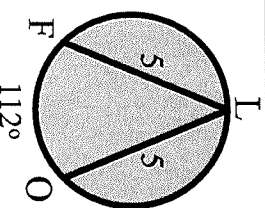
Movie Trivia

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 .

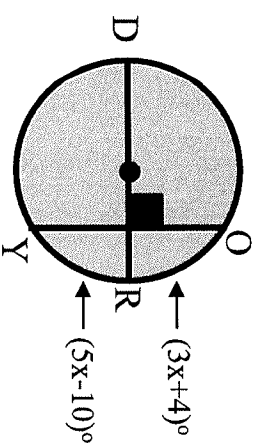


A diver takes a picture of Marlin, Nemo's father, and blinds him temporarily. What was the brand name of the camera?

- 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 .



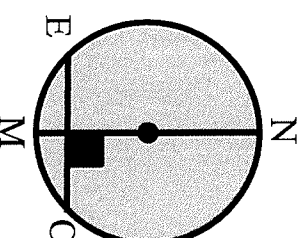
Complete the quote made by Marlin, Nemo's father: "I didn't come this far to be _____!"

- a. B caught
- b. 7 breakfast
- c. 8 shark bait

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

$$ED=48$$

$$r=30$$



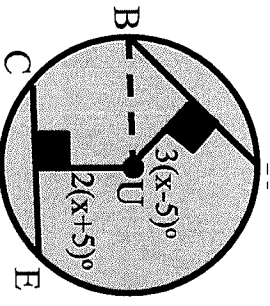
Dory, forgetful as she is, calls Nemo numerous other things besides his actual name. Which of the following names does she NOT call him during the movie?

- 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. 15 An oyster
- b. 18 A clam
- c. 20 A silverfish

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



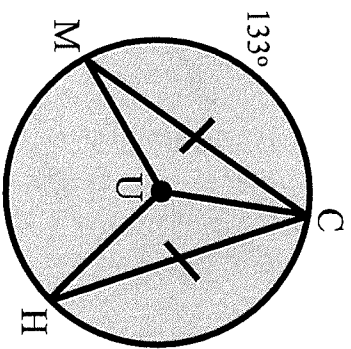
6. Using the picture and information obtained from #5, what is the measure of the dotted line segment UB ?

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

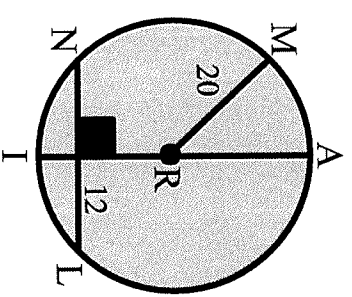
- a. 25 Flik's telescope from A Bug's Life
- b. 24 A Buzz Lightyear from Toy Story
- c. 23 Boo's teddy bear from Monster's Inc.

- a. 83 NemoAlgae 1000
- b. 64 H2Ogoo 540Z
- c. 85 AquaScum 2003

7. Find $m\angle MGH$.



8. Find the distance from I to chord ML .



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

- a. 47° 82 degrees
- b. 59° 84 degrees
- c. 94° 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