

PRE-TEST MATH ASSESSMENT FOR AT-SEA MONITORS

SAMPLE ONLY

1. While Johnny was shopping at the fishing supply store, he picked up \$210.50 worth of rods, \$32.17 worth of gloves, \$25.99 worth of first aid supplies, one hat (no charge) and \$18 worth of flares. How much did he spend?

- a. 286.66
- b. 260.67
- c. 250.99
- d. 290.00

2. Solve the following equation.

$$30\% \text{ of } 500$$

- a. .0015
- b. 150
- c. 1.5
- d. 15.0

3. Solve the following equation.

$$2(12-8) + (25-9) = x$$

- a. 26
- b. 30
- c. 32
- d. 24

4. Find the average of the following numbers. Express your answer to the hundredths place.

345.15, 10.87, 13.5, 1, 223.13, 56.001

5. Meredith is building a garden that is 4 feet wide and 20 feet long. She is using 6 inch by 8 inch bricks. What is the total number of bricks she will use to make her garden?

- a. 16
- b. 200
- c. 220
- d. 240

6. What place value does the 6 hold in 0.056

- a. tens
- b. hundredths
- c. thousandths
- d. Hundreds

7. Using the provided information, convert the following:

1 in = 2.54 cm

1 kg = 2.2 lbs

26 in fish = _____ cm (round to the tenth)

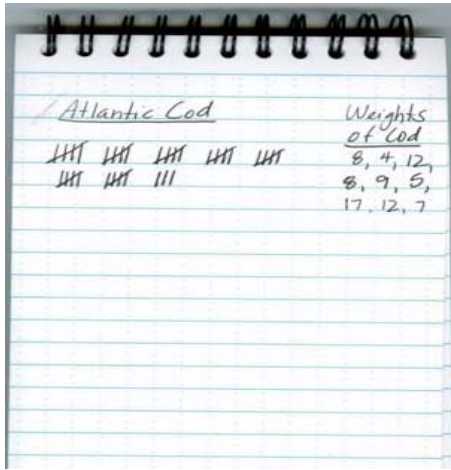
1000 kg door = _____ lbs (round to the tenth)

8. Lucy needs to ship a total of 105 Jonah crabs to Minnesota for a restaurant. She can only ship the crabs in bags containing a half dozen each. Each bag costs \$15 to ship. What will the total cost of the shipment be to send all the crabs?

9. Number of cod: _____

Average Weight of Cod (round to the nearest hundredth): _____

Overall average weight of Cod (rounded to the nearest whole number): _____



SAMPLE

10. How long is this fish? The units are in centimeters. Please round to the nearest centimeter.



SAMS