

MeTEOR Performance Task

Fourth Grade

Mathematics
Aquarium Lab

Task/Question 2:

- A.** Your teacher suggested the proposal for the Aquarium Lab needs to include three 10 gallon tanks, three 30 gallon tanks, and a 60-gallon tank. Your local pet store has 10 gallon tanks for \$79.99, 30 gallon tanks for \$159.00 and a 60-gallon tank for \$174.00. What will the total cost be to purchase these seven tanks? Show your work.
- B.** In researching tanks, you found an amazing sale on tanks that are 13 x 6 x 8. How many **gallons total** is this tank? Use the following website to get your answer:
<http://www.firsttankguide.net/calculator.php>
- C.** Would it be reasonable to have a 180-gallon tank? Explain your mathematical thinking in writing.
- D.** Each tank will hold about \$70 worth of fish. If all 7 tanks were full of fish, what would be the total cost for fish?

Task/Question 4:

- A.** Use the information you have collected (from Tasks/Questions 1-3) to create a proposal for the school board. Use the Aquarium Lab/Fish Room Proposal form provided.

Task/Question 5:

The Science Department has asked your class to participate in a debate. This debate will be a practice for the presentation to the school board. Be prepared to draw evidence from multiple sources to support your solution.

Aquarium Lab / Fish Room Proposal

Room Request:

Budget:

Tank	Size	Cost	Cost of Fish
#1			
#2			
#3			
#4			
#5			
#6			
#7			
Total			

Facts on Fish Environments:



meteoreducation.com . 800.699.7516

MeTEOR CONNECT, MeTEOR Education and MeTEOR Design are trademarks or registered trademarks of MeTEOR Education, LLC © 2019.

All rights reserved. PTMATH4.1