



Name _____ Class _____ Date _____

Pythagoras, Galileo and Archimedes went fishing one day at Mathemia Marina. They put all the fish they caught into a large ice bucket, however, when they returned home they realized they had mixed up all the fish!

In their bucket they counted seven herring, four mullet, two bream, two cod and a small shark.

“ I caught at least four herring and two mullet,” said Pythagoras.

“ I caught more than five fish and at least one of each kind,” said Archimedes.

“ I caught three fish but I didn't catch any cod or bream,” said Galileo.



1. What did each man catch?

Pythagoras

Archimedes

Galileo

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Total Number											
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Galileo wants to sell his latest catch at the Mathemia Markets. He knows mullet sells for \$6.25 a kilo and red cod sells for \$13.50 a kilo. Based on these prices, Galileo has calculated that he will receive exactly \$91.00. He has exactly twice the amount of one kind of fish than the other.

Kilos of mullet										
Kilos of red cod										
Total Profit										



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1. What did each man catch?

Pythagoras

Archimedes

Galileo

.....four herring.....

.....one herring.....

.....two herring.....

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Kilos of mullet	7									
Kilos of red cod	3.5									
Total Profit	10.5									