

Zoé's Fishing Trip

Zoé is passionate about fishing. She wants to go on a fishing trip for her next vacation so, she's doing research online and comparing different options to help her plan it.

Task 1

A place called « Aux petits poissons heureux », offers the best prices. The cost of lodging is \$ 132 per day, meals are \$15 each and boat rental is \$3 per hour.

Write an algebraic expression that will allow you to calculate the cost of her stay at this fishing camp.

Task 2

Using the algebraic expression you came up with in Task 1, calculate the cost of a 2 week stay for Zoe at this fishing camp if she wants to eat 2 meals per day and rent a boat for 3 hours per day.

Task 3

Using the algebraic expression you came up with in Task 1, how many days can she stay if she has a budget of \$1250 to spend and plans on eating only 1 meal per day and renting a boat for 3 hours per day every day that she is there.

Task 4

Using the algebraic expression you came up with in Task 1, how many hours can she rent a boat with a budget of \$1400 to spend and if she wants to eat 2 meals per day during an 8 day stay.



Task 5

Using the algebraic expression you came up with in Task 1, calculate how many meals she could afford if her budget is \$1050 and she plans on a 6 day stay renting a boat for 4 hours per day.