Name: _____ Period: _____ Date: _____

Module 2 - Topic C, Lesson 23:
Solving Equations Using Algebra (P)

Direction: Read, understand and analyze each problem.

2.) Troy is 3 times as old as Mia's and Dan's ages combined. If Troy is 36 and Mia is 5. How old is Dan?

a. What is asked (Select one)?

- The age of Dan.
- The age of Mia.
- The age of Troy.

b. What are given?

- Troy's age is _____.
- Mia's age is _____.
- The total of Mia's and Dan's age combined is _____.
- Troy is _____ times the total.

c. Complete the equation and solution.

$3(5 + x) = 36$

_____ + x = 36 ÷ _____

_____ + x = _____

x = _____ - _____

x = _____

d. What is the final answer?

Dan is _____ years old.

LIVEWORKSHEETS