

Pre-Algebra

ISTEP Practice

eLearning Day #1

DIRECTIONS: *Print off and complete the following questions. If you do not have access to a printer, answer the following question(s) on a separate sheet of paper*

Kathy's Internet company charges a connection fee of \$0.21 for each call she makes from her computer. The company also charges \$0.06 per minute for each call made from her computer.

Kathy was charged \$1.95 for five calls in January.

Part A

Write an equation that can be used to determine the number of minutes Kathy talked on the five calls in January. Be sure to define the variable in your equation.

Define the variable

Equation

Part B

How many total minutes did Kathy talk on the five calls in January?

Show All Work

Answer _____ minutes

Part C

In February, Kathy made a total of 50 calls. She was charged \$40.50.

Kathy claims she talked for a total of 250 minutes on her calls made in February.

Explain why Kathy's claim is incorrect. Use words, numbers, and/or symbols to justify your answer.

Name _____ # _____