

Algebra I
Sentences Activity
Carnegie Learning

NAME: _____
DATE: _____ HOUR: _____

You are asked to write two different types of sentences in the Carnegie Learning curriculum.

Type #1: Explain how you arrived at your answer in a complete sentence.

This means to explain your mathematics and arithmetic.

Type #2: Use a complete sentence in your answer.

This means to answer the question referring to the quantities in the problem situation.

For each situation below, show your work and write a complete sentence of each type.

1. You have 20 quarters and 3 dimes in your pocket. What is the value of the coins in your pocket?

Show your work. $20(.25) + 3(.10) = 5.30$

Explain how you arrived at your answer in a complete sentence.

I multiplied the number of quarters by .25, the number of dimes by .10 then added the two amounts.

Use a complete sentence in your answer. (What is the value of the coins in your pocket?)

I have \$5.30 in my pocket.

2. You went out to dinner with friends. The bill came to \$28. You want to leave a 20% tip. What should you leave as a tip?

Show your work.

Explain how you arrived at your answer in a complete sentence.

Use a complete sentence in your answer. (What should you leave as a tip?)

3. You bought a shirt with a "20% off" coupon. The original price of the shirt was \$50. What was the price of your shirt with your coupon?

Show your work.

Explain how you arrived at your answer in a complete sentence.

Use a complete sentence in your answer. (What was the coupon price of your shirt?)

4. You took a 60 question exam. You got 48 correct. What was your percent correct?

Show your work.

Explain how you arrived at your answer in a complete sentence.

Use a complete sentence in your answer. (What was your percent correct?)

5. In Mr. Allen's class, your marking period grade is worth 80% and your exam grade is worth 20%. If your marking period grade is a 72 and you score a 54 on the exam, what is your grade?

Show your work.

Explain how you arrived at your answer in a complete sentence.

Use a complete sentence in your answer. (What is your grade in Mr. Allen's class?)

6. You bought a hoodie at the Shorian Shop. The original price of the hoodie was \$45 and you received a 30% discount. What price did you pay?

Show your work.

Explain how you arrived at your answer in a complete sentence.

Use a complete sentence in your answer. (What did you pay for your hoodie?)