Student: _____	**Instructor:** Ray Brown	**Assignment:** ch11.2_11.3wp HW
Date: _____	**Course:** M055 Sum17 CAI 10054 G41	

1. Click the link below to watch a video recordings of concepts in this chapter. You are encouraged to watch the videos and work problems with the instructor to help ensure your understanding of the material. Take notes as you go through the material in a similar manner to how you would take notes in a traditional classroom. Writing helps you remember the concepts.

   The link below contains all of the videos for this chapter. You can watch them one at a time or binge watch the whole chapter then do chapter assignments.

   Chapter 9 & 11 Section Videos[1]

   ○　　True - I understand the concept.

   ○　　False - I am not understanding the concept and intend to seek assistance.

   1: http://www.screencast.com/t/XLQwcpY9

   Answer: True - I understand the concept.

2. Click the link below to watch a short video explaining a specific topic in this section.

   Question 11.03.61[2]

   ○　　True - I understand the concept.

   ○　　False - I am not understanding the concept and intend to seek assistance.

   2: http://www.screencast.com/t/ToAfDfFUfp7t

   Answer: True - I understand the concept.

3. A boat travels 12 miles upstream in 3 hours. Going downstream, it can travel 30 miles in the same amount of time. Find the speed of the current and the speed of the boat in still water.

   What is the speed of the current? _____ mph

   What is the speed of the boat in still water? _____ mph

   Answers 3

   　　　7

4. Click the link below to watch a short video explaining a specific topic in this section.

Question 11.03.63[3]

○ True - I understand the concept.
○ False - I am not understanding the concept and intend to seek assistance.

3: http://www.screencast.com/t/NOSmQvInV

Answer: True - I understand the concept.

5. An investor invested a total of $2,300 in two mutual funds. One fund earned a 6% profit while the other earned a 4% profit. If the investor's total profit was $130, how much was invested in each mutual fund?

The amount invested in the mutual fund that earned 6% was $ _____ .

The amount invested in the mutual fund that earned 4% was $ _____ .

Answers 1,900

400

6. Click the link below to watch a short video explaining a specific topic in this section.

Question 11.03.64[4]

○ True - I understand the concept.
○ False - I am not understanding the concept and intend to seek assistance.

4: http://www.screencast.com/t/t6sjMshPq

Answer: True - I understand the concept.

7. One canned juice drink is 25% orange juice; another is 10% orange juice. How many liters of each should be mixed together in order to get 15L that is 19% orange juice?

How many liters of the 25% orange juice should be in the mixture? _____ L

How many liters of the 10% orange juice should be in the mixture? _____ L

Answers 9

6

8. Click the link below to watch a short video explaining a specific topic in this section.

    Question 11.03.65[5]

    ○   True - I understand the concept.
    ○   False - I am not understanding the concept and intend to seek assistance.

    5: http://www.screencast.com/t/U0XU2nmB6vC

    Respuesta: True - I understand the concept.

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9. Use the given conditions to write a system of equations. Solve the system and find the numbers.

    The sum of two numbers is 15. If one number is subtracted from the other, the result is 1. Find the numbers.

    List the two numbers.

    _____

    (Use a comma to separate answers.)

    Respuesta: 8,7

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10. Click the link below to watch a short video explaining a specific topic in this section.

    Question 11.03.66[6]

    ○   True - I understand the concept.
    ○   False - I am not understanding the concept and intend to seek assistance.

    6: http://www.screencast.com/t/xweLy3OKxyG

    Respuesta: True - I understand the concept.

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11. Two angles are supplementary. One is $10°$ more than four times the other. Find the measures of the angles.

    What is the measure of the smaller angle?

    _____ °

    What is the measure of the other angle?

    _____ °

    Respuestas 34

                  146

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12. Click the link below to watch a short video explaining a specific topic in this section.

Questiion 11.02.58[7]

- ○ True - I understand the concept.
- ○ False - I am not understanding the concept and intend to seek assistance.

7: http://www.screencast.com/t/iha3br1WbRi

Respuesta: True - I understand the concept.

13. Sarah took the advertising department from her company on a round trip to meet with a potential client. Including Sarah a total of 13 people took the trip. She was able to purchase coach tickets for $340 and first class tickets for $1180. She used her total budget for airfare for the trip, which was $7780. How many first class tickets did she buy? How many coach tickets did she buy?

number of first class tickets bought = _____

number of coach tickets bought = _____

Respuestas 4

9

14. Click the link below to watch a short video explaining a specific topic in this section.

Question 11.03.59[8]

- ○ True - I understand the concept.
- ○ False - I am not understanding the concept and intend to seek assistance.

8: http://www.screencast.com/t/nJoxCPNkjTpk

Respuesta: True - I understand the concept.

15. A pottery studio gives two-hour and five-hour ceramics classes for $37 an hour. If the studio has collected $4255 for a total of 26 classes, how many two-hour classes and how many five-hour classes were paid for?

_____ two-hour classes
(Type an integer or a decimal.)

_____ five-hour classes
(Type an integer or a decimal.)

Respuestas 5

21

*16. Kevin and Randy Muise have a jar containing 65 coins, all of which are either quarters or nickels. The total value of the coins in the jar is $13.25. How many of each type of coin do they have?

The jar contains _____ quarters.

The jar contains _____ nickels.

Respuestas 50

15