

MATH

Long-term Memory Review

PROFICIENCY PRACTICE: MONDAY REVIEW

- 1) Given an hourly wage and the number of hours you work in a week. Explain how to compute the amount of money you earn in a week.
 - a) The number of hours worked each week is called the _____ variable.
 - b) The amount of money earned each week is called the _____ variable.
 - c) The equation to determine total wages (W) for hours worked (H) in one week when the hourly wage is \$6.50 per hour is _____. (Assume there is no overtime)
 - d) Determine the number of hours you must work at \$4.75 per hour in order to earn \$104.50.

- 2) A company U-Move charges \$30 to use a truck plus \$0.20 for each mile the truck is driven. Because the total of the charges is dependent on _____, the _____ is the independent variable and the _____ is the dependent variable.
 - a) Determine the total cost if you have to drive 25 miles total.

 - b) The equation to determine the total cost (C) of the charges to use a truck to move based on the number of miles (M) that is driven is _____

MATH

Long-term Memory Review

PROFICIENCY PRACTICE: TUESDAY REVIEW

- 1) Given an hourly wage and the number of hours you work in a week. Explain how to compute the amount of money you earn in a week.
 - a) The number of hours worked each week is called the _____ variable.
 - b) The amount of money earned each week is called the _____ variable.

- 2) A company U-Move charges \$30 to use a truck plus \$0.20 for each mile the truck is driven. Because the total of the charges is dependent on _____, the _____ is the independent variable and the _____ is the dependent variable.
 - a) Determine the total cost if you have to drive a truck 32 miles.

 - b) Determine the total cost if you have to drive a truck 48 miles.

 - c) Determine the number of miles you can use the truck if the charges are \$72.
 - a) 200 miles b) 210 miles c) 220 miles d) 230 miles

 - d) The equation to determine the total cost (C) of the charges to use a truck to move based on the number of miles (M) that is driven is _____.

- 3) Determine your total wages if you receive \$5.25 per hour, time and a half for time over 8 hours in a day and you work 9.5 hours.

MATH

Long-term Memory Review

PROFICIENCY PRACTICE: WEDNESDAY REVIEW

- 1) Given an hourly wage and the number of hours you work in a week. Explain how to compute the amount of money you earn in a week.
 - a) The number of hours worked each week is called the _____ variable.
 - b) The amount of money earned each week is called the _____ variable.
 - c) The equation to determine total wages (W) for hours worked (h) in one week when the hourly wage is \$6.50 per hour is _____. (Assume there is no overtime)

- 2) A company U-Move charges \$58 to use a truck plus \$0.23 for each mile the truck is driven. Because the total of the charges is dependent on _____, the _____ is the independent variable and the _____ is the dependent variable.
 - a) The equation to determine the total cost (C) of the charges to use a truck to move based on the number of miles (m) that is driven is _____.
 - b) Determine the number of miles you can use the truck if the charges are \$68.58.

- 3) You are paid a weekly salary of \$200 to sell computer equipment. You also receive a commission of 8% of all items you sell during that week. Because your total wages is dependent on _____, the _____ is the independent variable and the _____ is the dependent variable.
 - a) Determine your total wages for the week if you sell \$1,856 worth of equipment in one week.

 - b) You need to have \$420 in total wages this week in order to meet your financial obligations. How much equipment would you need to sell in order to reach that amount?
 - a) \$200.00 b) \$2150.00 c) \$2750.00 d) \$3500.00

MATH

Long-term Memory Review

PROFICIENCY PRACTICE: THURSDAY REVIEW

- 1) Given an hourly wage and the number of hours you work in a week. Explain how to compute the amount of money you earn in a week.
 - a) The number of hours worked each week is called the _____ variable.
 - b) The amount of money earned each week is called the _____ variable.
 - c) The equation to determine total wages (W) for hours worked (H) in one week when the hourly wage is \$6.50 per hour is _____. (Assume there is no overtime)

- 2) You are paid a weekly salary of \$150 to sell computer equipment. You also receive a commission of 7% of all items you sell during that week. Because your total wages is dependent on _____, the _____ is the independent variable and the _____ is the dependent variable.
 - a) You need to have \$416 in total wages this week in order to meet your financial obligations. How much equipment would you need to sell in order to reach that amount?

- 3) A company U-Move charges \$30 to use a truck plus \$0.20 for each mile the truck is driven.
 - a) What is the equation to determine the total cost (C) of the charges to use a truck to move based on the number of miles (M) that is driven is _____.
 - b) Determine the number of miles you can use the truck if the charges are \$72.

MATH

Long-term Memory Review

PROFICIENCY PRACTICE: FRIDAY TEST

- 1) Given an hourly wage and the number of hours you work in a week. Explain how to compute the amount of money you earn in a week.
 - a) The number of hours worked each week is called the _____ variable.
 - b) The amount of money earned each week is called the _____ variable.
 - c) The equation to determine total wages (W) for hours worked (h) in one week when the hourly wage is \$6.50 per hour is _____. (Assume there is no overtime)

- 2) A company U-Move charges \$30 to use a truck plus \$0.20 for each mile the truck is driven. Because the total of the charges is dependent on _____, the _____ is the independent variable and the _____ is the dependent variable.
 - a) The equation to determine the total cost (C) of the charges to use a truck to move based on the number of miles (m) that is driven is _____.
 - b) Determine the total cost if you have to drive 27 miles total.
 - c) Determine the number of miles you can use the truck if the charges are \$72.

- 3) You are paid a weekly salary of \$200 to sell computer equipment. You also receive a commission of 8% of all items you sell during that week. Because your total wages is dependent on _____, the _____ is the independent variable and the _____ is the dependent variable.
 - a) What is the equation to use to determine your total wages (W) for one week based on the amount you sold (S) in one week?
 - b) Determine your total wages for the week if you sell \$1,856 worth of equipment in one week.
 - c) You need to have \$420 in total wages this week in order to meet your financial obligations. How much equipment would you need to sell in order to reach that amount?
 - a) \$220.00
 - b) \$1250.00
 - c) \$2250.00
 - d) \$2750.00