

MATH

Long-term Memory Review

PROFICIENCY PRACTICE: MONDAY REVIEW

- 1) When solving a word problem, the first thing to do is _____ the known information.
- 2) When a problem requires more than one step, one strategy is to organize the known information into rows and columns. The strategy is known as _____.
- 3) To determine overtime pay that is time and A half you multiply by:
a) $\frac{1}{2}$ b) 1 c) $1\frac{1}{2}$ d) 2

- 4) Sue earns \$6/hour and gets overtime, which is time and a half for working more than 40 hours per week.

Hours Worked	Regular Hours Worked	Regular Hourly Wage	Total Regular Pay	Overtime Hours Worked	Overtime Hourly Wage	Total Overtime Pay	Total Wages

- 5) To determine the total wages, add together _____ and _____.
- 6) Fill in the columns for the table above if Sue worked 34 hours.

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PROFICIENCY PRACTICE: TUESDAY REVIEW

- 1) When solving a word problem, the first thing to do is _____ the known information.
- 2) When making a table to solve a word problem it is helpful to make a different _____ for each known piece of information that is calculated.
- 3) If you are an individual that earns time and a half for working over 40 hours per week, then explain how you would find your total weekly wages.
- 4) To determine overtime pay, which is double time, you multiply _____ by _____.
- 5) Sue earns \$5.50/hour and gets overtime, which is time and a half for working more than 8 hours per day. To determine her total pay, identify the following column headings.

a)	Regular Hours Worked	Regular Hourly Wage	b)	Overtime Hours Worked	Overtime Hourly Wage	Total Overtime Pay	c)

- 6) Use question #5 to complete the 2nd row assuming you worked 13 hours in one day?
- 7) Use question #5 to determine the numbers of hours you worked if you earn \$68.
(You may want to use the remaining rows to guess and check your answers).
 - a) 6 hours
 - b) 9 hours
 - c) 10 hours
 - d) 11 hours

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PROFICIENCY PRACTICE: WEDNESDAY REVIEW

- 1) When solving a word problem, the first thing to do is _____.
- 2) A strategy to organize information in a word problem is to _____.
- 3) To determine overtime pay, which is time and a half, you multiply _____ by _____.
- 4) To determine the total wages you _____ the regular pay and the _____.
- 5) Sue earns \$5.50/hour and gets overtime, which is time and a half for working more than 8 hours per day. To determine her total pay, identify the following column headings.

a)	Regular Hours Worked	Regular Hourly Wage	b)	c)	Overtime Hourly Wage	d)	e)

- 6) Complete the 2nd row of the table above if you worked the following: 52 hours in one week, earn \$7.00/hour, and receive time and a half for hours over 40 hours in a week.
- 7) Complete the 3rd row in the table above if you worked the following: 52 hours in one week, earn \$7.00/hour, and receive time and a half for hours over 36 hours in a week.
- 8) If you are paid \$4/hour and paid time and a half for over 10 hours in a day and you earned \$58, how many hours did you work?
 - a) 10 hours
 - b) 11 hours
 - c) 12 hours
 - d) 13 hours

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PROFICIENCY PRACTICE: THURSDAY REVIEW

- 1) When solving a word problem, the first thing to do is _____.
- 2) A strategy to organize information in a word problem is to _____.
- 3) When determining total pay involving overtime, it is necessary to know how much you received for _____ and _____.
- 4) Fill in the missing column headings in order to determine total pay.

a)	b)	Regular Hourly Wage	c)	Overtime hours worked	d)	Total Overtime pay	e)

- 6) Complete the 2nd row of the table above if you worked the following: 47 hours in one week, earn \$6.00/hour, and receive time and a half for hours over 40 hours in a week.
- 7) Complete the 3rd row in the table above if you worked the following: 47 hours in one week, earn \$7.00/hour, and receive time and a half for hours over 40 hours in a week.
- 8) If you earn \$6.50/hour and earned time and half for working over 8 hours per day. You receive \$53.75 total pay for the day. How many hours did you work to earn that pay?
a) 10 hours b) 11 hours c) 12 hours d) 13 hours

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PROFICIENCY PRACTICE: FRIDAY TEST

- 1) When solving a word problem, the first thing to do is _____.
- 2) Explain why someone would use a table to solve a problem.
- 3) Problems involving overtime pay have two parts including:
 - a) You need to determine the _____; and
 - b) You need to determine the _____
- 4) Sue earns \$6/hour and gets overtime, which is time and a half for working more than 40 hours per week. To determine her total pay, identify the following column headings.

a)	b)	Regular Hourly Wage	Total Regular Pay	c)	Overtime Hourly Wage	Total Overtime Pay	Total Wages

- d) Use one of the empty rows on the table to complete if Sue were to have worked 46 hours, determine her total wages. _____
 - e) Use one of the empty rows on the table to complete if Sue were to have worked 49 hours, determine her total wages. _____
 - f) Use one of the empty rows on the table to complete if Sue were to have worked 32 hours, determine her total wages. _____
 - g) If Sue earned \$330, how many hours did she work? _____
- 5) If Mary earns \$4.00 an hour and is paid time and a half for any work over 8 hours a day, how much would she earn for a 10-hour day?
- a) \$32.00 b) \$40.00 c) \$44.00 d) \$48.00