

Wages and Pay

Long-Term Memory Review

Review 1

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. Fill in the columns for the table above if Sue worked 34 hours.

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. Explain why Sue did not receive any overtime pay.

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Review 2

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 who 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, when overtime pay is double-time, you would 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 column headings for columns a, b, and c.

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

6. Use the table above to complete the 2nd row assuming Sue worked 13 hours in one day?
7. Use the table above to determine the numbers of hours you worked if Sue earns \$68.75 in one day. (You may want to use the remaining rows to work out your answers).
A. 6 hours B. 9 hours C. 10 hours D. 11 hours

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Review 3

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 when overtime pay 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 column headings for columns a, b, c, d, and e.

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, earned \$7.00/hour, and received 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, earned \$7.00/hour, and received time-and-a-half for hours over 36 hours in a week.
8. If you were 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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Review 4

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, earned \$6.00/hour, and received time-and-a-half for hours over 40 hours in a week.
7. Complete the 3rd row of the table above if you worked the following: 47 hours in one week, earned \$7.00/hour, and received time-and-a-half for hours over 40 hours in a week.
8. If you earn \$5.50/hour and earned time-and-a-half for working over 8 hours per day. You received \$68.75 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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Quiz

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 column headings for columns a, b, and c.

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

- a. Use one of the empty rows on the table to complete if Sue were to work 46 hours. Determine her total wages. _____
 - b. Use one of the empty rows on the table to complete if Sue were to work 49 hours. Determine her total wage. _____
 - c. Use one of the empty rows on the table to complete if Sue were to have worked 32 hours. Determine her total wage. _____
 - d. 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

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ANSWERS

Review 1 - Answers

1. When solving a word problem, the first thing to do is **determine** 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 **making a table**.
3. A. $\frac{1}{2}$

4.

Hours Worked	Regular Hours Worked	Regular Hourly Wage	Total Regular Pay	Overtime Hours Worked	Overtime Hourly Wage	Total Overtime Pay	Total Wages
34	34	\$6.00	\$204.00	0	\$9.00	0	\$204.00

5. To determine the total wages, add together **total regular pay** and **total overtime pay**.
6. Sue did not receive any overtime pay because she did not work over 40 hours.

Review 2 - Answers

1. When solving a word problem, the first thing to do is **determine** the known information.
2. When making a table to solve a word problem it is helpful to make a different **column** for each known piece of information that is calculated.
3. If you are an individual who earns time-and-a-half for working over 40 hours per week, then explain how you would find your total weekly wages. **Calculate the regular wages and the overtime wages and add them together.**
4. To determine overtime pay, when overtime pay is double-time, you would multiply **hourly wage** by **2**.

5.

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

6.

a. Hours Worked	Regular Hours Worked	Regular Hourly Wage	b. Total Regular Pay	Overtime Hours Worked	Overtime Hourly Wage	Total Overtime Pay	c. Total Pay
13	8	\$5.50	\$44.00	5	\$8.25	\$41.25	\$85.75

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7. D. 11 hours

a. Hours Worked	Regular Hours Worked	Regular Hourly Wage	b. Total Regular Pay	Overtime Hours Worked	Overtime Hourly Wage	Total Overtime Pay	c. Total Pay
11	8	\$5.50	\$44.00	3	\$8.25	\$24.75	\$68.75

Review 3 - Answers

- When solving a word problem, the first thing to do is **determine** the known information.
- A strategy to organize information in a word problem is to **make a table**
- To determine overtime pay when overtime pay is time-and-a-half, you multiply **hourly rate** by **1.5**
- To determine the total wages you **add** the regular pay and the **total overtime pay**.

5.

a. Hours Worked	Regular Hours Worked	Regular Hourly Wage	b. Total Regular Pay	c. Overtime Hours Worked	Overtime Hourly Wage	d. Total Overtime Pay	e. Total Pay

6.

a. Hours Worked	Regular Hours Worked	Regular Hourly Wage	b. Total Regular Pay	c. Overtime Hours Worked	Overtime Hourly Wage	d. Total Overtime Pay	e. Total Pay
52	40	\$7.00	\$280.00	12	\$10.50	\$126.00	\$406.00

7.

a. Hours Worked	Regular Hours Worked	Regular Hourly Wage	b. Total Regular Pay	c. Overtime Hours Worked	Overtime Hourly Wage	d. Total Overtime Pay	e. Total Pay
52	36	\$7.00	\$252.00	12	\$10.50	\$168.00	\$420.00

8. D. 13 hours

Review 4 - Answers

- When solving a word problem, the first thing to do is **determine** the known information.
- A strategy to organize information in a word problem is to **make a table**.

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3. When determining total pay involving overtime, it is necessary to know how much you received for **total regular pay** and **total overtime pay**.

4.

a. Hours Worked	b. Regular Hours Worked	Regular Hourly Wage	c. Total Regular Pay	Overtime Hours Worked	d. Overtime Hourly Wage	Total Overtime Pay	e. Total Pay
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6. Complete the 2nd row of the table above if you worked the following: 47 hours in one week, earned \$6.00/hour, and received time-and-a-half for hours over 40 hours in a week.

a. Hours Worked	b. Regular Hours Worked	Regular Hourly Wage	c. Total Regular Pay	Overtime Hours Worked	d. Overtime Hourly Wage	Total Overtime Pay	e. Total Pay
47	40	\$6.00	\$240.00	7	\$9.00	\$63.00	\$303.00

7. Complete the 3rd row of the table above if you worked the following: 47 hours in one week, earned \$7.00/hour, and received time-and-a-half for hours over 40 hours in a week.

a. Hours Worked	b. Regular Hours Worked	Regular Hourly Wage	c. Total Regular Pay	Overtime Hours Worked	d. Overtime Hourly Wage	Total Overtime Pay	e. Total Pay
47	40	\$7.00	\$280.00	7	\$10.50	\$73.50	\$353.50

8. B. 11 hours

Quiz - Answers

- When solving a word problem, the first thing to do is **determine** the known information.
- Use a table to organize the information into rows and columns.
- Determine the **total regular pay**
 - Determine the **total overtime pay**

4.

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

a. Hours Worked	b. Regular Hours Worked	Regular Hourly Wage	Total Regular Pay	c. Overtime Hours Worked	Overtime Hourly Wage	Total Overtime Pay	Total Pay
46	40	\$6.00	\$240.00	6	\$9.00	\$54.00	\$294.00

Total wages. **\$294.00**

b.

a. Hours Worked	b. Regular Hours Worked	Regular Hourly Wage	Total Regular Pay	c. Overtime Hours Worked	Overtime Hourly Wage	Total Overtime Pay	Total Pay
49	40	\$6.00	\$240.00	9	\$9.00	\$81.00	\$321.00

Total wages. **\$321.00**

c.

a. Hours Worked	b. Regular Hours Worked	Regular Hourly Wage	Total Regular Pay	c. Overtime Hours Worked	Overtime Hourly Wage	Total Overtime Pay	Total Pay
32	32	\$6.00	\$192.00	0	\$9.00	0	\$192.00

Total wages. **\$192.00**

d.

a. Hours Worked	b. Regular Hours Worked	Regular Hourly Wage	Total Regular Pay	c. Overtime Hours Worked	Overtime Hourly Wage	Total Overtime Pay	Total Pay
50	40	\$6.00	\$240.00	10	\$9.00	\$90	\$330.00

Sue worked **50 hours**.

5. C. \$44.00