



# The Christmas Shoppe A



Instructions: Use the sales chart below to answer the questions that follow. Use the back of this page or scrap paper if you need extra room for your calculations.



## The Christmas Shoppe Sales for the week of December 6 to 11, 2010

Item	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<i>Decorations</i>	\$549.64	\$381.32	\$405.42	\$369.98	\$557.62	\$550.01
<i>Trees</i>	\$684.21	\$640.78	\$589.02	\$679.10	\$513.37	\$625.49
<i>Centerpieces</i>	\$475.48	\$391.44	\$595.83	\$385.46	\$604.40	\$500.75
<i>Toys</i>	\$669.57	\$657.52	\$581.30	\$691.64	\$506.96	\$504.97
<i>Candles</i>	\$610.92	\$598.04	\$531.88	\$475.85	\$489.15	\$1,038.90
<i>Garlands</i>	\$534.50	\$467.28	\$372.91	\$500.72	\$388.14	\$1,005.57
<i>Wreaths</i>	\$670.39	\$411.21	\$548.29	\$617.22	\$668.51	\$582.84

1. Circle the best sales amount for each product. Describe what you notice.
2. Estimate and/or calculate on which day the Christmas Shoppe had the greatest sales?
3. Find the mean sales for each day by dividing the total for each day by 7 (the number of items). Use a calculator if you aren't sure how to divide.
4. Estimate and/or calculate which item had the greatest sales.





# The Christmas Shoppe A Answers



Instructions: Use the sales chart below to answer the questions that follow. Use the back of this page or scrap paper if you need extra room for your calculations.



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<i>Wreaths</i>	\$670.39	\$411.21	\$548.29	\$617.22	\$668.51	\$582.84
<b>Sum</b>	<b>\$4,194.71</b>	<b>\$3,547.59</b>	<b>\$3,624.65</b>	<b>\$3,719.97</b>	<b>\$3,728.15</b>	<b>\$4,808.53</b>
<b>Mean</b>	<b>\$599.24</b>	<b>\$506.80</b>	<b>\$517.81</b>	<b>\$531.42</b>	<b>\$532.59</b>	<b>\$686.93</b>

1. Circle the best sales amount for each product. Describe what you notice.

Students should notice that the sales on Saturday were generally greater.

(but not always)

2. Estimate and/or calculate on which day the Christmas Shoppe had the greatest sales?

**\$4,808.53 Saturday**

3. Find the mean sales for each day by dividing the total for each day by 7 (the number of items). Use a calculator if you aren't sure how to divide.

See answers above.

4. Estimate and/or calculate which item had the greatest sales.

**\$3,744.74 Candles**

