



# The Christmas Shoppe E



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>	\$515.18	\$397.99	\$682.47	\$456.75	\$596.68	\$510.08
<i>Trees</i>	\$652.83	\$515.56	\$410.04	\$567.99	\$626.58	\$898.03
<i>Centerpieces</i>	\$697.21	\$374.41	\$497.54	\$643.03	\$699.67	\$654.23
<i>Toys</i>	\$464.12	\$598.03	\$677.74	\$677.08	\$690.16	\$488.75
<i>Candles</i>	\$695.34	\$404.69	\$605.45	\$654.83	\$362.45	\$908.78
<i>Garlands</i>	\$525.77	\$474.34	\$552.59	\$678.41	\$396.96	\$542.16
<i>Wreaths</i>	\$587.24	\$378.72	\$442.85	\$488.06	\$654.65	\$847.22

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 E 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>	\$587.24	\$378.72	\$442.85	\$488.06	\$654.65	\$847.22
<b>Sum</b>	<b>\$4,137.69</b>	<b>\$3,143.74</b>	<b>\$3,868.68</b>	<b>\$4,166.15</b>	<b>\$4,027.15</b>	<b>\$4,849.25</b>
<b>Mean</b>	<b>\$591.10</b>	<b>\$449.11</b>	<b>\$552.67</b>	<b>\$595.16</b>	<b>\$575.31</b>	<b>\$692.75</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?

\$4,849.25 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.

\$3,671.03 Trees

