# Activity: Dollar Cost Averaging

## Directions:

Whitney decides to invest $50 in Rockstar Mutual Fund every month. Here’s a break-out of the transactions for the year.

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| Date of Investment | Amount of Investment | Cost Per Share | Number of Shares Bought | Total Investment This Day |
| Jan. 5 | $50 | $15.23 | 3.28 | $       |
| Feb. 5 | $50 | $16.70 | 2.99 | $       |
| Mar. 5 | $50 | $16.04 | 3.12 | $       |
| April 5 | $50 | $14.63 | 3.42 | $       |
| May 5 | $50 | $13.11 | 3.81 | $       |
| June 5 | $50 | $12.84 | 3.89 | $       |
| July 5 | $50 | $10.79 | 4.63 | $       |
| Aug. 5 | $50 | $11.24 | 4.45 | $       |
| Sept. 5 | $50 | $11.97 | 4.18 | $       |
| Oct. 5 | $50 | $14.52 | 3.44 | $       |
| Nov. 5 | $50 | $16.87 | 2.96 | $       |
| Dec. 5 | $50 | $16.45 | 3.04 | $       |
| Total | $       | $       |       | $       |

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| $       | By year’s end, what is the total amount Whitney paid for the fund shares? |
|       | How many shares does Whitney own at the end of the year? |
| $       | What is the value of Whitney’s fund on December 5? |
| $       | What is the average price Whitney paid per share? |
| $       | Using the cost per share amounts, what is the average cost per share for those 12 amounts |
| $       | Is the current value of Whitney’s investment more or less than the amount she invested? |