

TOP TEN GROSSING CHRISTMAS MOVIES OF ALL TIME

Adjusted to the estimated 2018 average ticket price.

10. *Four Christmases*

Release date: Nov. 26, 2008

Domestic gross: \$152,943,600

9. *A Christmas Carol (2009)*

Release date: Nov. 6, 2009

Domestic adj. gross: \$165,522,300

8. *Dr. Seuss' The Grinch (2018)*

Release date: November 9, 2018

Domestic adj. gross: \$213,441,100

7. *The Santa Clause 2*

Release date: Nov. 1, 2002

Domestic adj. gross: \$218,704,000

6. *Elf*

Release date: Nov. 7, 2003

Domestic adj. gross: \$262,273,600

5. *The Polar Express*

Release date: Nov. 10, 2004

Domestic adj. gross: \$270,186,600

4. *The Santa Clause*

Release date: Nov. 11, 1994

Domestic adj. gross: \$315,396,100

3. *Home Alone 2: Lost in New York*

Release date: Nov. 20, 1992

Domestic adj. gross: \$382,505,300

2. *Dr. Seuss' How the Grinch Stole Christmas*

Release date: Nov. 17, 2000

Domestic adj. gross: \$439,696,400

1. *Home Alone*

Release date: Nov. 16, 1990

Domestic adj. gross: \$619,090,600

1. Round each movie gross to the nearest \$500,000. Put in the rounded amount below the actual domestic gross of each movie. You may use these rounded totals for questions 2 and 3.

2. By about how many more dollars did *Home Alone* make than *Four Christmases*?

3. By about how many more dollars did *Home Alone* make than *Dr. Seuss' How the Grinch Stole Christmas*?

4. How many of these ten movies have you seen? What percent of these ten movies have you seen?

5. Between which two movies do we see the closest gross? By about how many dollars did they differ? Use the actual dollar values.

You should have noticed that it was a pretty close call between *Dr. Seuss' The Grinch (2018)* and *The Santa Clause 2* as well *Elf* and *The Polar Express*.

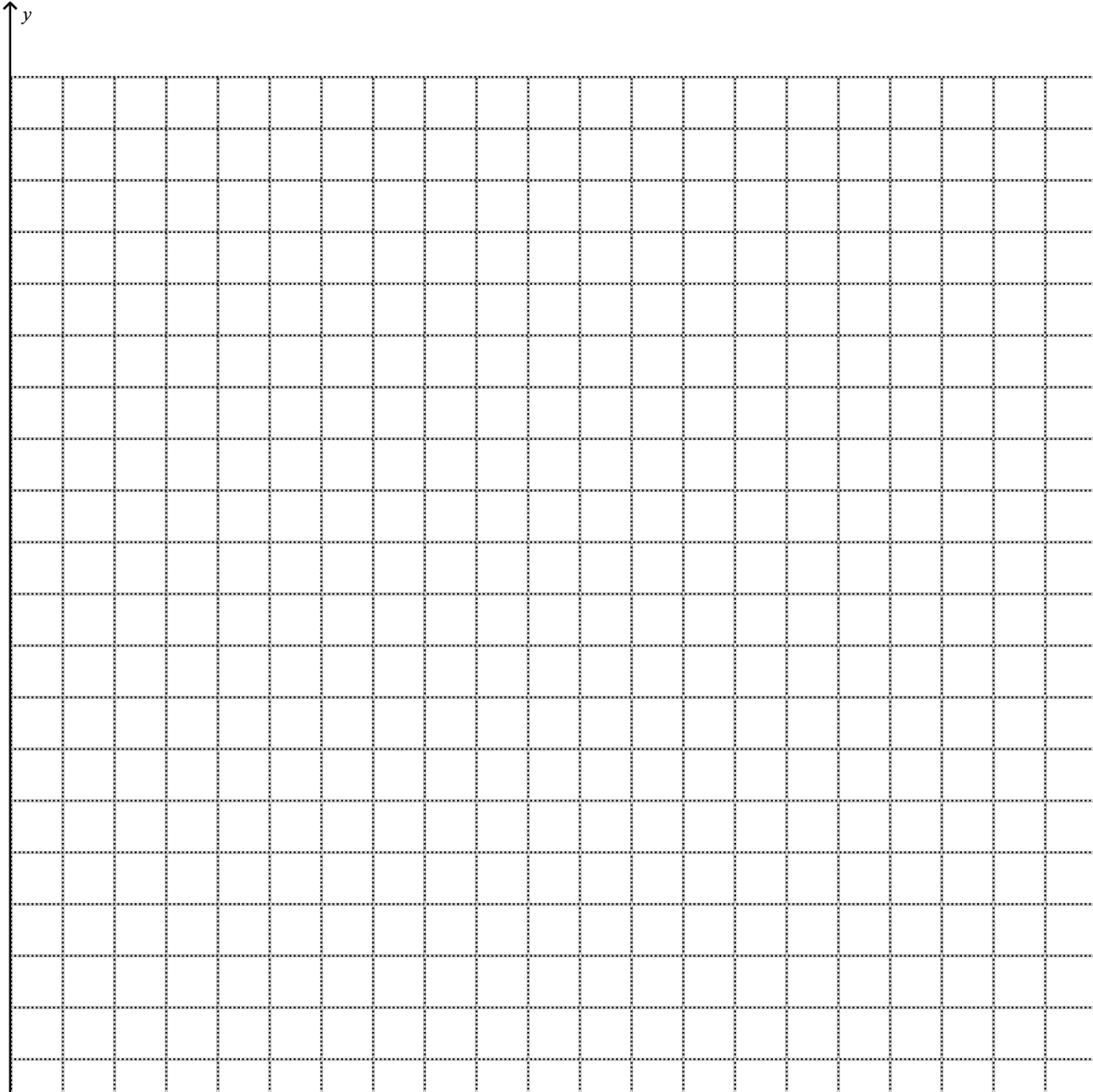
6. a. What percent more did *The Santa Clause 2* make than *Dr. Seuss' The Grinch (2018)*? Use actual dollar amounts.

b. What percent more did *The Polar Express* make than *Elf*? Use actual dollar amounts.

7. Your next task is to create a graph that can visually represent this data. What type of graph would seem most appropriate to represent this data? You might consider a circle graph, line graph or bar graph.

You, your group and your class may have decided to use a bar graph to display the data. Some things to consider:

- You will now need to consider how to lay out the movies across the x – axis.
- Will you order them alphabetically, chronologically or by total gross?
- What increments will you use on your y – axis?
- Does it make sense to use your rounded values or the actual values or does it not matter?
- Make sure to include labels and a title.



Source: <https://www.boxofficemojo.com/alltime/adjusted.htm>