

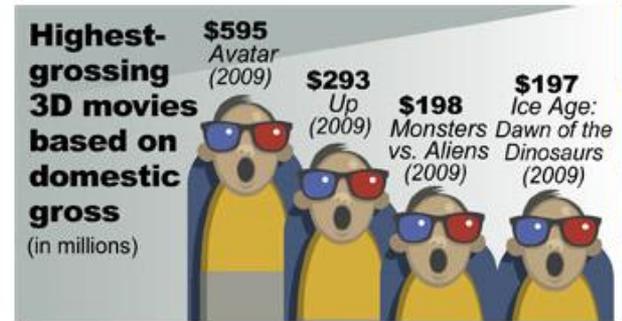
Analysis Questions

BAR GRAPHS

1. What kind of graph is this?
2. What is the title of this graph?
3. What does the graph show?
4. What is the unit used in this graph?
5. Which four movies are represented in this data?
6. How many people are represented?
7. What does it mean for something to be highest-grossing?
8. What is a 3D movie?
9. Why would film executives want to watch the money coming in from 3D movies?
10. Which grossed more – *Up* or *Monsters vs. Aliens*?
11. Which grossed more – *Up* or *Ice Age*?
12. Which grossed more – *Avatar* or *Up*?
13. Which movie grossed the most money?
14. Which movie grossed the least?
15. What would be the average of the highest grossing 32 movies?
16. What does it mean to be “based on domestic growth”?
17. If a movie executive wanted to look at the data for the movies that earned 200 million or more for this time period, which would she use?
18. What is the gross from all four movies combined? What percent is from 3D movies? What percent is from 2D movies?
19. Based on the data in the graph, is this statement true? *Avatar* grossed more than *Monsters* and *Ice Age* combined?
20. What is the source of the data in the graph?
21. What is the range, in millions of dollars, of these four movies?
22. What percent of the gross do 3D movies represent?

Sources: Wahlstrom, Deborah. (2002). *Designing and using high-quality paper-and-pencil tests to improve student achievement*. Suffolk, VA: Successline Inc. *USA Today*, graph retrieved March 23, 2010

Moviegoers are flocking to 3-D movie screens. Note: Studios don't break out 3-D from 2-D; 3-D is about 65% of gross. Through Jan. 31, 2010.



By Anne R. Carey and Alejandro Gonzalez, USA TODAY
Source: Hollywood.com

23. About what percent of the gross for *Avatar* is from 2D movies?
24. Is this statement verifiable from the data in the graph? *Moviegoers are flocking to 3-D movie screens*. Why or why not?
25. One part of the graph uses 3-D. Another uses 3D. Which is correct?

ADD YOUR OWN QUESTIONS:

Use bar graphs from current magazines, newspapers, and websites. Don't' forget to use topics that are of high interest to students.