

PERCENT WORD PROBLEMS



1) The 7th grade class goes on its field trip to Nature's Classroom every fall. Students are surveyed to determine which parts they like the most. The results are: sleeping overnight (29.6%), the beautiful scenery (26.4%), the cafeteria food (31.2%), the bus ride (12.8%). *Round your answers to the nearest whole number.*

a) Of the 260 students, how many students enjoyed sleeping overnight the most?

b) Of the 260 students, how many enjoyed the scenery the most?

c) How many students enjoyed the bus ride the most?

2) A rectangular 6-inch by 10-inch picture is framed with a mat so that 2 inches of the mat are seen on the top and on each of the sides and 4 inches are seen on the bottom. What fraction and percent of the finished product's area (picture and mat) is the picture?

3) Matt wants to buy a new lacrosse stick. He had \$85, so he's waiting for a sale because the stick he wants cost \$125. What percent discount does he have to wait for the store to have?

4) In a survey of 250 people, 68% said they prefer sneakers to any other shoes. How many did not prefer sneakers to any other color shoes?

5) The Jones family bought a new house for \$650,900. They made a \$112,000 down payment. What percent of the total price was the down payment?

6) Sixty percent of the students at Blake Middle School have a sibling. If there are 720 students with a sibling, what is the total number of students?