

Percent Proportions

Name _____

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- 1) Jim got 30 questions correct out of a total of 35. What was the percentage he got correct?
(Round to the nearest percent)

- 2) 60% of 145 is what number?

- 3) The World future Society predicts that by the year 2020, airplanes will be able to carry 1400 passengers. Today's biggest jets can carry 6000 passengers. What will be the percent of increase of airplane passengers? (Round to the nearest tenth)

- 4) A room with an area of 300 square feet is being tiled. If 200 of the 300 square feet are complete, what is the **incomplete** percentage? (Round to the nearest percent)

- 5) What number is 48% of 175?

- 6) In 1995, America Online had about 3,000,000 users. Over the next decade, users are expected to increase from a few million to the tens of millions. Suppose the number of users increases by 150% by the year 2000. How many more users will there be in the year 2000?

- 7) Debbie's house is 8 miles from Sally's house. Sally has ridden 5 miles towards Debbie's house. What is the percentage of the total distance she has ridden?

Homework

- 8) 264 is 55% of what number?
- 9) A company that builds computers found that 1 out of every 200 computers had a defective keyboard. What is the percentage of defective keyboards?
- 10) Alonso bought a car for \$9559. One year later, the value of the car was \$8500. What was the percent of decrease of the value of the car? (Round to the nearest tenth)
- 11) Jack's truck had used 30 gallons of fuel from a 50 gallon tank. What percentage was **not** used?
- 12) 21 is 12% of what number?
- 13) Fred's sporting goods is providing a \$5.00 discount on a bicycle that costs \$80.00. What is the percentage of the discount?
- 14) In 2016 the 7th grade population at Sagamore was 300 students. Today at Sagamore there is a population of 356 students. What is the percent of increase in Sagamore's 7th grade population? (Round to the nearest percent)