

## Chapter 7 Test

1. Express  $3/5$  as a decimal and a percent.
2. Express 75% as a fraction and a decimal.
3. Express  $4/7$  as a percent rounded to one decimal place.
4. What is 125% of 40?
5. If  $3/8$  of the class wears red pajamas, what percent of the class does NOT wear red pajamas?
6. If there are 35 students in a class and 40% of them prefer Coke to Pepsi, how many students prefer Coke to Pepsi?
7. Alexis went for a hike and stopped to rest 75% of the way to the end. If the hike was 12 kilometers total, how many kilometers did Alexis hike before stopping to rest?
8. Drew went to the store and found a pair of shoes listed for \$35 but had a coupon for a 40% discount. How much did Drew end up paying for the pair of shoes?
9. Sarah went on a vacation and packed 30% of her shirts that she owns. If she packed 6 shirts, how many shirts does she own in total?

10. If there are 5 boys in the chess club and 20% more girls than boys in the chess club, how many girls are there?

11. Last week, Jane had \$20 in her wallet. This week, she has 30% more in her wallet than she did last week. How much money does she have in her wallet this week?

12. There were 240 people who did not show up to the concert because of bad weather. If 15% of the people did not show up, how many people did show up? (*Express as a quantity, not percent*)