Name: _____   Date: _____

Aim: How can we practice solving percent word problems?
Do Now: In the Chess club, Joey won 70% of the games he played. If he played 90 games during the club, how many did he *lose*?

1. On a 45 question test, Hal missed 8 questions. Rounding to the *nearest whole percent*, what grade did Hal get on the test?

2. There are 12 girls and 16 boys in a class. To the nearest *whole percent,* what percent of the class is girls?

3. At lunch, 13 kids chose a bagel with cream cheese and 14 kids chose pizza. To the nearest *whole percent, w*hat percent of the class chose a bagel with cream cheese?

4. Out of the 3,450 people in a town, 690 of them did not vote. What percentage of people voted?

5. Jan got 34 out of the 40 questions on the test correct. What grade did she get?

6. On a different test, Jan missed 8 questions out of the 40 questions. What grade did she get?

7. 24 students in a class took an algebra test. If 18 students passed the test, what percent do not pass?

8. The sixth-graders at Karin's school got to choose between a field trip to a museum and a field trip to a factory. 72 sixth-graders picked the museum. If there are 80 sixth-graders in all at Karin's school, what percentage of the sixth-graders picked the museum?

9. Josie had both chocolate cake and coconut cake at her birthday party. 5 people picked chocolate cake and 45 people picked coconut cake. What percentage of the people at the party picked chocolate cake?

10. To celebrate the first day of school, Jane brought in a tray of caramel brownies and walnut brownies. She brought 42 caramel brownies and 28 walnut brownies. What percentage of the brownies were caramel?

11. A salesperson receives a 2.5% commission on sales. What commission does the salesperson receive for $8000 in sales?

12. Your school raised 125% of its fundraising goal. The school raised $6750. What was the goal?

13. In a school that totals 780 students, only 25% take the bus to school. How many students take the bus to school?