Name: ....   Class: ....

Compare percents and fractions: word problems

1. In Ellis class, 60% of students are girls. While in Kim's class 2/4 of the students are girls. Whose class have a greater percentage of girls?

2. 7/8 of the groceries sold in shops are fresh, while 99% of groceries sold at the farmers market are more fresh. Where can you find a greater percentage of fresh groceries?

3. Though Mrs. Mary's test was challenging, Belty managed to score 84%. But Paul scored 4/5 in the test. Who scored a lesser percentage in the test?

4. Grace is an excellent teacher in a nearby elementary school. Last year, she covered 9/10 of the syllables. This year, she plans to cover 98% of the syllables. Which year is Grace going to cover a greater percentage of the syllables?

5. This evening after Junior finished 78% of his English homework, he decided to call his best friend Joe on phone and ask him how far he has gone with his own English homework. Joe told him that he has just done 7/8 of his homework. So far, who has completed a greater percentage of their English homework?

6. In one of Mr. Leonard's M&M store, 41% of boxes full of candies were sold. In comparison, 1/4 of boxes full of candies were sold in the other shop. Which shop sold a smaller percentage of boxes full of candy?

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Compare percents and fractions: word problems

1. Write 2/4 as a decimal.

2/4 = 0.5.

Convert the decimal to percentage.

Multiply 0.5 by 100.

Move the decimal 2 places to the right.

0.5 x 100 = 50%.

Now, compare the percentages, that is 60% and 50 %.

You see that 60% is greater than 50% or 60 > 50%.

Therefore, Ellis class has a greater percentage of girls.

2. Therefore, you can find a greater percentage of grocerries at the farmers market.

3. So, Paul scored a lesser percentage of the test.

4. So, Grace is going to cover a greater percentage of the syllables this year.

5. So, Joe has completed a greater percentage of his English homework.

6. Therefore, the other shop sold a smaller percentage of boxes full of candy.