

HW 38

Fractions, Decimals, & PercentApplication Practice

1. If you answer 16 out of 20 questions correct on a test, what is your grade as a percent (assuming that every question is worth the same point value)?

2. Tommy got a hit 13 of the times that he was at bat. If he had 44 at-bats, what is Tommy's batting average as a decimal? Round your answer to the nearest thousandth.

3. Devon spent 36% of his day at his friend Leon's house. What fraction of his day was Devon at Leon's house? Write your answer in simplest form.

4. There is a 0.3 chance of rain today. There is a 25% chance of rain tomorrow. Which day has a greater chance of rain?

5. It snowed 6 out of the 8 days that the Federico family was at the ski lodge. What percent of their vacation days had snow?

6. Joanna got a $\frac{14}{15}$ on her first math quiz and a 94% on her second math quiz. On which quiz did she get a higher percent?

7. The probability of selecting a red marble from a bag of marbles is 0.375. The probability of selecting a blue marble from the bag is $\frac{1}{3}$. The probability of selecting a green marble is 25%. Which color marble has the greatest chance of being selected?

HW 38
both sidesFractions, Decimals, & PercentSkills Practice.*Write each decimal as a fraction in simplest form and percent.*

1. 0.44

2. 0.9

3. 0.06

4. 0.725

5. 1.5

6. 0.204

Write each fraction as a decimal and percent.

7. $\frac{3}{5}$

8. $\frac{2}{9}$

9. $\frac{7}{8}$

10. $\frac{5}{12}$

11. $\frac{3}{200}$

12. $2\frac{3}{4}$

Write each percent as a decimal and fraction in simplest form.

13. 38%

14. 5%

15. 70%

16. 125%

17. 8.5%

18. 94%