



Equivalent Fractions, Decimals, and Percents

Independent Practice

Directions: Answer all questions to the best of your ability. Justify your responses.

1. What decimal and percent are equivalent to $\frac{37}{50}$?
2. What fraction and decimal are equivalent to 24%?
3. What fraction and percent are equivalent to 1.05?
4. In a middle school choir, 16 of the 40 students sing alto. What percent of the choir sings alto?
5. A salesperson earns 8% commission. What fraction is equivalent to the salesperson's commission percentage?



Name _____ Date _____

- 6.** Mason paid an 18% tip. What decimal is equivalent to this percent?
- 7.** Jamila found \$0.45 in change under her couch. What fraction of a dollar did Jamila find?
- 8.** A feline medication comes in dose of 0.2 mL per pound the cat weighs. What percentage of a cat's weight is used to calculate the amount of medication the cat receives?
- 9.** Kiley is scheduled to participate in a day camp for 12 of the 30 days in June. What decimal represents the fraction of days that Kiley participates in day camp in June?
- 10.** Ethan earned 340 of the 400 possible points in a trivia game. What fraction, decimal, and percent represent the portion of the possible points that Ethan earned during the trivia game?

