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

1. What decimal and percent are equivalent to $\frac{37}{50}$?

0.74 and 74%

2. What fraction and decimal are equivalent to 24%?

$\frac{6}{25}$ **and 0.24**

3. What fraction and percent are equivalent to 1.05?

$\frac{21}{20}$ **and 105%**

4. In a middle school choir, 16 of the 40 students sing alto. What percent of the choir sings alto?

40%

5. A salesperson earns 8% commission. What fraction is equivalent to the salesperson's commission percentage?

$\frac{2}{25}$

6. Mason paid an 18% tip. What decimal is equivalent to this percent?

0.18

7. Jamila found $0.45 in change under her couch. What fraction of a dollar did Jamila find?

$$\frac{9}{20}$$

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 in mL a cat receives?

20%

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?

0.3

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?

$$\frac{17}{20}, \text{ 0.85, and 85\%}$$