1. For her cell phone plan, Heather pays $30 per month plus $0.05 per text. She wants to keep her bill under $60 per month. Write an inequality that represents the number of texts, t , Heather can send each month while staying within her budget.

2. Doug earns $10.50 per hour working at a restaurant. On Friday he spent $1\frac{3}{4}$ hours cleaning, $2\frac{1}{3}$ hours doing paperwork, and $1\frac{5}{12} $hours serving customers. What were Doug’s earnings?

3. Kelsie sold digital cameras on her web site. She bought the cameras for $65 each and included a 60% markup to get the selling price. To the nearest dollar, what was the selling price for one camera?

4. Mrs. Hamilton worked for a real estate agency. She sold a house for $175,000. The agency’s fee for the sale was 4% of the sale price. Mrs. Hamilton received $4,725 of the agency’s fee as her commission. What percent of the agency’s fee did Mrs. Hamilton receive? Round your answer to the nearest tenth of a percent.

**5.**  At 3PM the outside temperature was $-2°F$ . The temperature then fell steadily by $2°F$ every hour for the next four hours. What was the temperature at 7 PM?

**6.** Justin made a scale drawing of a rectangular playground. He used the scale of $2 centimeters=3 feet$ . His drawing is $18 centimeters ×24 centimeters, $what is the actual size of the playground?

**7.** According to the weather report, there is a 25% chance of snow in the mountains tomorrow. Which phrase best describes the likelihood of snow in the mountains tomorrow?

a) unlikely b) likely c) Certain d) impossible

**8.** Eduardo can spend up to $8 for lunch. He wants to buy a sandwich and a cup of soup for $5.03. Eduardo also wants to buy some fruit for dessert. Each piece of fruit costs $0.99. Write an inequality showing the number of pieces of fruit, *f*, Eduardo can buy.