Name: _____

Percent Error

Solve each problem. Round money to the nearest cent.

1. Sam estimated a box weighed 126 pounds. It actually weighed 120 pounds. What is the percent error?

Answer: _____

2. Sam estimated a box weighed 52 pounds. It actually weighed 50 pounds. What is the percent error?

Answer: _____

3. Sam estimated a box weighed 40 pounds. It actually weighed 50 pounds. What is the percent error?

Answer: _____

4. Sam estimated a box weighed 75 pounds. It actually weighed 100 pounds. What is the percent error?

Answer: _____

5. Sam estimated a box weighed 38 pounds. It actually weighed 50 pounds. What is the percent error?

Answer: _____

6. Sam estimated a box weighed 96 pounds. It actually weighed 120 pounds. What is the percent error?

Answer: _____

7. Sam estimated a box weighed 38 pounds. It actually weighed 40 pounds. What is the percent error?

Answer: _____

8. Sam estimated a box weighed 144 pounds. It actually weighed 120 pounds. What is the percent error?

Answer: _____

9. Sam estimated a box weighed 62 pounds. It actually weighed 50 pounds. What is the percent error?

Answer: _____

10. Sam estimated a box weighed 150 pounds. It actually weighed 120 pounds. What is the percent error?

Answer: _____

Name: **ANSWER KEY**

Percent Error

Solve each problem. Round money to the nearest cent.

1. Sam estimated a box weighed 126 pounds. It actually weighed 120 pounds. What is the percent error?

Answer: 5%

2. Sam estimated a box weighed 52 pounds. It actually weighed 50 pounds. What is the percent error?

Answer: 4%

3. Sam estimated a box weighed 40 pounds. It actually weighed 50 pounds. What is the percent error?

Answer: 20%

4. Sam estimated a box weighed 75 pounds. It actually weighed 100 pounds. What is the percent error?

Answer: 25%

5. Sam estimated a box weighed 38 pounds. It actually weighed 50 pounds. What is the percent error?

Answer: 24%

6. Sam estimated a box weighed 96 pounds. It actually weighed 120 pounds. What is the percent error?

Answer: 20%

7. Sam estimated a box weighed 38 pounds. It actually weighed 40 pounds. What is the percent error?

Answer: 5%

8. Sam estimated a box weighed 144 pounds. It actually weighed 120 pounds. What is the percent error?

Answer: 20%

9. Sam estimated a box weighed 62 pounds. It actually weighed 50 pounds. What is the percent error?

Answer: 24%

10. Sam estimated a box weighed 150 pounds. It actually weighed 120 pounds. What is the percent error?

Answer: 25%