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Workshop: Decimal Concepts (SG pp. 396–398) Questions 1–6

- I. A. seventy-five hundredths
 - **B.** twenty-six thousandths
- 2. A. point E
 - **B.** point A
 - **C.** between point B and point C
- **3.** No; The correct order is 0.001, 0.01, .10, 0.250, 0.50, 0.579
- **4. A.** Tanya: 0.465 + .51 = 0.975 Irma: 9.12 - 7.98 = 1.14
 - **B.** Possible response: 7.98 is close to 8, and 9.12 is just a little more than 9.9 8 = 1.
 - **C.** Tanya is closer to 1. She is only .025 away from 1 and Irma is 0.14 over 1.
- **5.** Starts at 0.22; Stops at 0.65; 0.22 + 0.1 + 0.1 + 0.1 + 0.1 + 0.01 + 0.01 + 0.01 = 0.65
- **6. A.** Maya made a mistake. She stopped at 0.05 instead of 0.5.
 - **B.** Possible response: 0.85 0.1 0.1 0.1 0.1 0.01 0.01 0.01 0.01 0.01 0.01 = 0.5



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Answer Key • Lesson 9: Workshop: Decimal Concepts

Homework (SG p. 399) Questions 1–4

I. Rule: Add 0.5

Input	Output
0.23	0.73
1.57	2.07
0.737	1.237
.9	1.4
0.222	0.722
1.620	2.12

2. Rule: Subtract 0.5

Input	Output
0.793	0.293
2.10	1.6
.91	0.41
0.811	0.311
1.17	0.67
.77	0.27

- **3. A.** 0.03, 0.031, 0.1130, 0.13, 0.3, 0.311
 - **B.** 1.007, 1.07, 1.2, 1.27, 1.7, 1.72
 - **C.** 0.005, 0.008, .050, 0.080, 0.50, 0.8
- **4. A.** Harry weighs 0.4 grams more than Gus.
 - **B.** 181.804 grams
 - C. Harry
 - **D.** Lulu weighs 0.396 grams more than Fluffy.



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