Bronze

1a. 1 ÷ 100 = 0.01, 2 ÷ 100 = 0.02, 3 ÷ 100 = 0.03, 4 ÷ 100 = 0.04

2a. 0.06 because she can move the counter down two places to divide by 100.

3a. Jacob's statement is false because he has only moved the 4 one place right instead of two places. So he has divided by 10 instead of 100.
Malia's statement is correct because she has moved the 4 two places right to divide by 100.

1b. 5 ÷ 100 = 0.05, 6 ÷ 100 = 0.06, 7 ÷ 100 = 0.07, 8 ÷ 100 = 0.08

2b. 0.03 because he can move the counter down two places to divide by 100.

3b. Inigo's statement is false because he hasn't moved the 9 two places right.
Mae's statement is true because she has moved the 9 two places right to divide by 100.

Silver

4a. Accept any 5 of the following answers: 15 ÷ 100 = 0.15, 51 ÷ 100 = 0.51, 24 ÷ 100 = 0.24, 42 ÷ 100 = 0.42, 33 ÷ 100 = 0.33, 60 ÷ 100 = 0.6, 6 ÷ 100 = 0.06

5a. 0.41 because you can move each counter down two places to divide by 100.

6a. Raj's statement is false because he has only moved the digits one place to the right instead of 2 places. He has divided by 10 instead of 100.
Ffion's statement is true because she has moved the digits two places right to divide by 100 and make the number 100 times smaller.

4b. Accept any 5 of the following answers: 16 ÷ 100 = 0.16, 61 ÷ 100 = 0.61, 25 ÷ 100 = 0.25, 52 ÷ 100 = 0.52, 34 ÷ 100 = 0.34, 43 ÷ 100 = 0.43, 70 ÷ 100 = 0.7, 7 ÷ 100 = 0.07

5b. 0.86 because you can move each counter down two places to divide by 100.

6b. Affan's statement is true because he has moved the digits two places right to divide by 100 and make the number 100 times smaller.
Jude's statement is false because she has multiplied by 100 rather than dividing by 100.

Gold

7a. Accept any 6 of the following answers: 17 ÷ 100 = 0.17, 71 ÷ 100 = 0.71, 26 ÷ 100 = 0.26, 62 ÷ 100 = 0.62, 35 ÷ 100 = 0.35, 53 ÷ 100 = 0.53, 44 ÷ 100 = 0.44, 80 ÷ 100 = 0.8, 8 ÷ 100 = 0.08

8a. 19 because you can move each counter up two places to multiply by 100 which is the inverse to dividing by 100.

9a. Salim's statement is false because if you calculate the inverse then 0.96 x 100 = 96 which is a tens number.
Eloise's statement is true because 0.96 x 100 = 96.0. Both digits move two places left to make the number 100 times greater.

7b. Accept any 6 of the following answers: 18 ÷ 100 = 0.18, 81 ÷ 100 = 0.81, 27 ÷ 100 = 0.27, 72 ÷ 100 = 0.72, 36 ÷ 100 = 0.36, 63 ÷ 100 = 0.63, 45 ÷ 100 = 0.45, 54 ÷ 100 = 0.54, 90 ÷ 100 = 0.9, 9 ÷ 100 = 0.09

8b. 72 because you can move each counter up two places to multiply by 100 which is the inverse to dividing by 100.

9b. Tyler's statement is false because 78 is 100 times bigger than 0.78 as 0.78 x 100 = 78.
Samina's statement is false because 78.0 ÷ 100 = 0.78. So 0.78 is 100 times smaller than 78.0.