Mild Answers

1. 12 x 10 = 120
2. 15 x 10 = 150
3. 31 x 10 = 310
4. 120 ÷ 10 = 12
5. 330 ÷ 10 = 33
6. 410 ÷ 10 = 41

1b. 8 x 10 = 80

3b. 110 pence

4a. A

5a. 12 x 10 = 120

5b. 16 x 10 = 160

Commented [ST1]:

Medium Answers

1. 12.4 x 10 = 124
2. 0.35 x 100 = 35
3. 4.307 x 1000 = 4307
4. 975 ÷ 10 = 97.5
5. 4139 ÷ 100 = 41.39
6. 1536 ÷ 1000 = 1.536

1b. A = 54.5; B = 5.4; C = 5.5; D = 45.05 **3b.** 0.76

2b. 7,320

3b. A = 100; B = 1,000; C = 10

7a. A = 100; B = 54.43; C = 5,403.3

Hot Answers

1. 67.49 x 10 = **674.9**
2. 320.46 x 100 = **32046**
3. 119.001 x 1000 = **119001**
4. 347.03 ÷ 10 = **34.703**
5. 278.9 ÷ 100 = **2.789**
6. 86,536 ÷ 1000 = **86.536**

5b. Gabriel is correct. Hannah has only added 3 zeros to her number and not multiplied by 1,000.

8b. A: x 1,000; B: x 10; C: x 100

6b. 7.185

7b. A = 1,000; B = 12.304; C = 1,203.4

7a. The pattern is multiply by 100. A. 23,000 and 2,300,000, B. 12,000 and 1,200,000, C. 4,000 and 400,000. Various possible answers for own sequence which follow the pattern x 100.

9a. Possible combinations include 0.125 x 10 x 10 = 12.5, 0.125 x 10 x 100 = 125, 12.5 x 10 x 10 = 1,250, 0.125 x 1,000 x 10 = 1,250, 0.125 x 100 x 100 = 1,250, 12.5 x 10 x 10 = 1,250