Multiply by 10, 100 and 1,000

7. Tick to show whether the calculations are true or false.

		T	F
A.	70.24 x 200 = 14,048	☐	☐
B.	64.19 x 1,000 = 6,419	☐	☐
C.	8.1 x 50 = 405	☐	☐
D.	45.903 x 100 = 45,930	☐	☐

GD

VF
HW/Ext

8. Circle all the numbers below which give an answer greater than 6,250 when multiplied by 100.

62.9	129.6	130.02
6.71	60.05	
19.77	82.05	625.5
602.05	180.8	

GD

VF
HW/Ext

9. Chuan and Gabriel are multiplying by 10, 100 and 1,000.

Chuan's calculation: 101.005 x 2,000

Gabriel's Calculation: 1,010.05 x 200



Chuan

My calculation will give an answer greater than Gabriel's because I have multiplied by a larger number.

Is he correct?
Prove it.

GD

RPS
HW/Ext

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Homework/Extension
Multiply by 10, 100 and 1,000

Developing

1. True: B and C. False: A and D.
2. =, >, <
3. She is incorrect. Hafsa's calculation gives an answer of 6,400 whereas Ben's calculation gives an answer of 64,000.

Expected

4. True: A and D False: B and C
5. <, =, <
6. She is correct. Steph's calculation gives an answer of 12,600 whereas Sean's calculation gives an answer of 320.

Greater Depth

7. True: A and C. False: B and D
8. 62.9, 129.6, 130.02, 82.05, 625.5, 180.8 and 602.05
9. He is incorrect. Both Chuan and Gabriel's calculations give the same answer. The answers are equal.

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