**BLM 7.N.2.9: Sample Scenarios 3**

1. Use estimation strategies to determine the placement of the decimal in the approximate answers shown below. (Note: Answers have been rounded.)

a) 6.3 4.9 309

b) 334 8.56 3.9

c) 79.83 65.7 52448

d) 30898 95.66 3.23

2. Estimate the answer to each of the following problems, and place the decimal point in the correct location.

**Note:**   
Answers have been rounded. The symbol is used to show that the two sides of the equation are approximately equal.

a) 3.25 5.53 1797

b) 3673 43.21 0.85

c) 386 1.84 2.1

d) 0.65 91 591

e) 14.74 3.6 530

3. Sheeba creates displays for a decorating company. She must submit a budget for each display. She plans to paint a feature wall with shimmering textured paint. The wall is 2.6 m 3.73 m. The price of the paint used for calculating the budget is 2.20/m2. Show your estimations, and then calculate both the area of the wall and the budget price for the paint.

|  |  |  |
| --- | --- | --- |
|  | **Estimate** | **Calculate** |
| The area of the wall |  |  |
| The budget cost of the paint |  |  |

The budget for the paint on the shimmering textured wall is $ \_\_\_\_\_\_\_\_\_\_\_\_\_ .