**3.4: Multiplying Decimals**

**1.** Use Base Ten Blocks to find each product.   
 **a)** 1.6 × 1.2 **b)** 2.1 × 0.8 **c)** 1.4 × 2.3

**2.** Use the area model to find each product.

**a)** 7.3 × 2.5 **b)** 6.9 × 1.4 **c)** 2.9 × 3.9

**3.** **a)** Multiply: 14 × 53

**b)** Use only the result from part a and estimation.

Find each product.

**i)** 1.4 × 5.3 **ii)** 14 × 5.3 **iii)** 1.4 × 530

**4.** Dustin earns $26.85 for each overtime hour he works.

How much does he earn when he works 3 h of overtime?

**5.** Find the cost of each item at the grocery store.

**a)** 1.89 kg of peaches at $2.00/kg **b)** 0.6 kg of cheese at $7.49/kg

**c)** 2 kg of carrots at $1.79/kg

**6.** A skating rink is rectangular.  
Its dimensions are 19.8 m by 46.3 m.  
What is the **area** of the rink?  
Estimate to check your answer is reasonable.

**7.** The product of 2 decimals is 0.48.  
What might the decimals be?  
Find as many answers as you can.