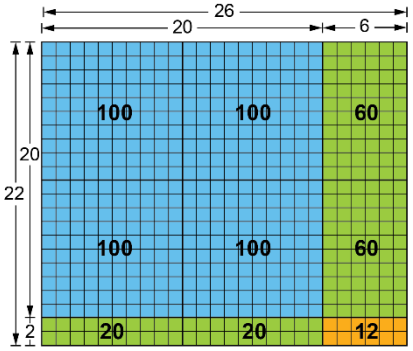
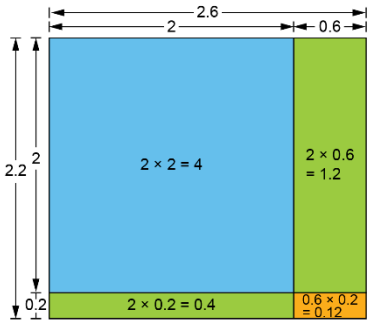
Number

Activity 18 Assessment
Multiplying Decimals

Multiplying Decimals			
Uses whole number strategies to estimate a product 8.3 × 2.4 8.3 is about 8 and 2.4 is about 2, and 8 × 2 is 16. So, the product is close to 16.	Uses whole number strategies to multiply decimals 2.2 × 2.6 = ?  I used an array on a grid to show an area model. 26 × 22 = 400 + 40 + 120 + 12 = 572 My estimate was 6, so 2.2 × 2.6 must be 5.72.	Uses estimation to check that the answer to a decimal multiplication problem is reasonable 2.2 × 2.6 = ?  2.6 × 2.2 = 4 + 0.4 + 1.2 + 0.12 = 5.72 My estimate was 6. Since 5.72 is close to 6, the answer is reasonable.	Uses an appropriate strategy or tool to multiply decimals If rice costs $3.69/kg, how much would 1.25 kg of rice costs? I used a calculator and got 4.6125. Rounding to the nearest cent, the rice would cost $4.61.
Observations/Documentation			