Master 3.21   **Extra Practice 4**

Lesson 3.4: Multiplying Rational Numbers

1. Predict the sign of each product. Determine each product.

   a) $(-1.2) \times 0.3$ **b)** $0.34 \times (-0.5)$

   c) $(-0.6) \times (-0.15)$ **d)** $0.9 \times (-1.2)$

2. Predict the sign of each product. Determine each product.

   a) $\dfrac{2}{5} \times \left(-\dfrac{1}{2}\right)$

   b) $\left(-\dfrac{3}{2}\right) \times \left(\dfrac{1}{7}\right)$

   c) $\left(-\dfrac{3}{4}\right) \times \left(-\dfrac{4}{5}\right)$

3. From November 12th to November 21st, the temperature in Burnaby, B.C. dropped an average of 1.7°C each day. Suppose the temperature on the morning of November 12th was 11.4°C. What was the temperature on the morning of November 21st?

4. Use integers to estimate each product then calculate each product.

   a) $(1.19)(-13.2)$ **b)** $(-8.65)(-1.6)$

5. Determine each product.

   a) $\left(\dfrac{10}{7}\right)\left(-\dfrac{13}{8}\right)$ **b)** $\left(-4\dfrac{3}{5}\right)\left(-2\dfrac{5}{12}\right)$