

Name _____

Solve the problems.

1. Find the product. Show your work.

$$\begin{array}{r} 2.36 \\ \times 5.4 \\ \hline 944 \\ 11800 \\ \hline 12.744 \end{array}$$

2. Evaluate the expression. Show your work.

$$(8.1 - 4) \times 2.2$$

$$4.1 \times 2.2 = 9.02$$

3. Which expression has the value 0.48?

a. 0.2×24

b. 0.2×2.4

c. 2×2.4

d. 0.2×0.24

4. Use estimation to determine which of the following expressions is greater. Explain how you got your answer.

$$4 \times (3.07 + 0.95) \quad \text{and} \quad 2.9 \times (4.11 + 1.9)$$

The second expression is greater. Possible explanation:
 $4 \times (3 + 1)$ or 4×4 has a value of 16, and $3 \times (4 + 2)$
 or 3×6 has a value of 18. $18 > 16$.