

NAME:

Grade 6

1. Place the decimal in each product. Write the full digit with the decimal in the box beside each question.

**Explain how estimation helped them correctly place the decimal point in the product.**

(a)  $4 \times 2.459 = 9836$

**Explanation:**

(b)  $24.35 \times 8 = 1948$

**Explanation:**

2. Identify which of the following is the best estimate for  $13.7 \times 9$  and explain why.

**Put an x beside your estimate**

a)  $13.0 \times 9$

b)  $14.0 \times 9$

c)  $15.0 \times 9$

d)  $14.0 \times 10$

**Explanation:**

3.

Use your estimation skills! There is no need to divide here. Use a calculator to confirm your estimation

What whole number would you multiply 6.374 by  
to get the product 25.496? \_\_\_\_\_

*Show your work / explain*

PRACTICE / HOMEWORK

**Try These** .....

Multiply.

1. a) 
$$\begin{array}{r} 5.18 \\ \times 5 \\ \hline \end{array}$$

b) 
$$\begin{array}{r} 1.734 \\ \times 8 \\ \hline \end{array}$$

c) 
$$\begin{array}{r} 0.143 \\ \times 4 \\ \hline \end{array}$$

d) 
$$\begin{array}{r} 9.431 \\ \times 2 \\ \hline \end{array}$$