

**Measurement**

Write the length and width that will give the largest area for each perimeter. All sides are whole numbers.

① Perimeter = 26 in.

length \_\_\_\_\_ in.

width \_\_\_\_\_ in.

area \_\_\_\_\_ sq in.

② Perimeter = 82 cm

length \_\_\_\_\_ cm

width \_\_\_\_\_ cm

area \_\_\_\_\_ sq cm

③ Perimeter = 124 yd

length \_\_\_\_\_ yd

width \_\_\_\_\_ yd

area \_\_\_\_\_ sq yd

List the length and width of all possible rectangles for the given area. All sides are whole numbers.

④ Area = 20 sq m

\_\_\_\_\_

⑤ Area = 36 sq ft

\_\_\_\_\_

\_\_\_\_\_

**Number and Operations**

Complete each number sentence.

⑥  $47 \times 9 = (40 \times 9) + (7 \times 9) = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

⑦  $103 \times 4 = (100 \times 4) + (3 \times 4) = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

⑧  $8 \times 34 = (8 \times 30) + (8 \times 4) = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

⑨  $280 \times 7 = (200 \times 7) + (80 \times 7) = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

**Multiply.**

⑩ 
$$\begin{array}{r} 49 \\ \times 5 \\ \hline \end{array}$$

⑪ 
$$\begin{array}{r} 94 \\ \times 7 \\ \hline \end{array}$$

⑫ 
$$\begin{array}{r} 216 \\ \times 6 \\ \hline \end{array}$$

⑬ 
$$\begin{array}{r} 407 \\ \times 8 \\ \hline \end{array}$$