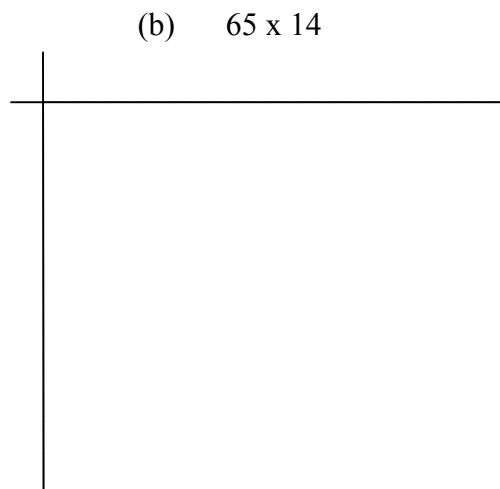
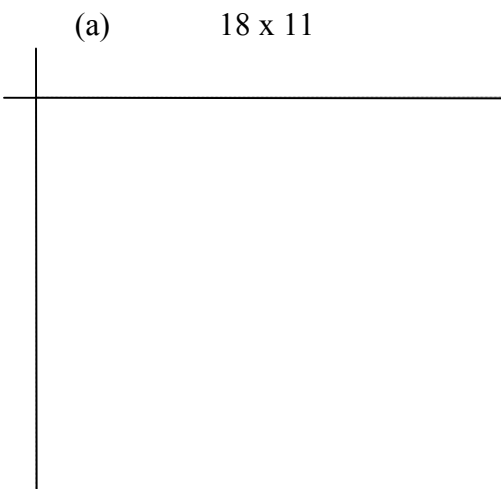


**Instructions:**

Answer the following in the space provided, be sure to leave evidence of your thinking for each question. Suggested models to use are listed below; extra paper is available if you need more space for picture, etc.

**Models:** (i) Area model, (ii) column model (multiplying), (iii) number model, (iv) distributive prop.

Use the Area Model to multiply the following:



Find the Product of the following using the Column Model:

(a) 
$$\begin{array}{r} 28 \\ \times 7 \\ \hline \end{array}$$

(b) 
$$\begin{array}{r} 97 \\ \times 22 \\ \hline \end{array}$$

Find the product of the following:

(a)  $(7)(11)$

(b)  $(14)(68)$

Find the product of the following:

(a)  $(8)(0.4)$

(b)  $(44)(0.25)$

Find the product of the following:

(a)  $(5.5)(1.4)$

(b)  $(26.4)(2.25)$

Find the product of the following:

(a)  $(-2)(-9)$

(b)  $(-12)(5)$

(c)  $(-4)(-7)(-5)$

Find the product of the following:

(a)  $(34)(7.5)$

(b)  $(125)(8.2)$

(c)  $(156)(-68)$