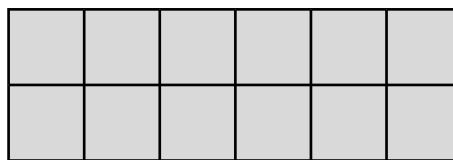
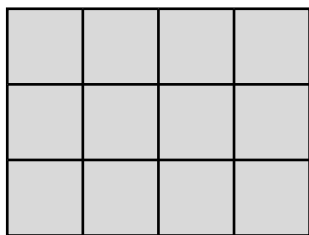


Multiplication and Division Fact Families (Factoring)



The two rectangles above correspond to these two multiplication and division fact families for 12:

$$\begin{array}{ll} 3 \times 4 = 12 & 12 \div 4 = 3 \\ 4 \times 3 = 12 & 12 \div 3 = 4 \end{array}$$

$$\begin{array}{ll} 2 \times 6 = 12 & 12 \div 6 = 2 \\ 6 \times 2 = 12 & 12 \div 2 = 6 \end{array}$$

1. Make a rectangle filled with 16 tiles. Draw a picture of your rectangle and write the related multiplication and division fact family.
2. Make another rectangle filled with 16 tiles. Draw a picture of your rectangle and write the related multiplication and division fact family.
3. Make a rectangle filled with 18 tiles. Draw a picture of your rectangle and write the related multiplication and division fact family.
4. Make another rectangle filled with 18 tiles. Draw a picture of your rectangle and write the related multiplication and division fact family.
5. Make a rectangle filled with 24 tiles. Draw a picture of your rectangle and write the related multiplication and division fact family.
6. Make another rectangle filled with 24 tiles. Draw a picture of your rectangle and write the related multiplication and division fact family.
7. Make another rectangle filled with 24 tiles. Draw a picture of your rectangle and write the related multiplication and division fact family.