$$\begin{array}{c} \underline{} \underline{} \\ \times \\ \underline{} \underline{} \end{array}$$

[____ × (____)] + (____ × ____) = _____
= ____

$$\begin{array}{c} \underline{} \underline{} \\ \times \\ \underline{} \underline{} \end{array}$$

(____ × ____) + [____ × (____)] = _____
= ____

So, the factors of ____ are ____ and ____; and the factors of ____ are ____ and ____.

The binomial factors are: _____

So, $3x^2 - 5x - 2 =$ _____

b) $2x^2 - 13x + 15$

$$2x^2 - 13x + 15$$

The 1st term is ____.
The factors of ____ are:
____ and ____

The 3rd term is ____.
The factors of ____ are:
____ and ____; ____ and ____

Write each pair of factors of ____ next to the pair of
factors of ____.
Find the products.

The 2nd term of the trinomial is _____, and the 3rd term is _____, so write only the _____ factors of ____.

Stop when you get ____ as the sum of the products.

So, the factors of ____ are ____ and ____;
and the factors of ____ are ____ and ____.
The binomial factors are: _____
So, $2x^2 - 13x + 15 =$ _____