Intermediate Algebra   Name_____

Find What's Missing!

Fill in the missing terms and then show how the middle term is a result of the factors chosen.

1. $18n^2 + 9n + 1$
   $(6n + 1)(3n \qquad)$

2. $24n^2 + 11n + 1$
   $(8n + 1)(3n \qquad)$

3. $2x^2 + 7x + 6$
   $(x + 2)(2x \qquad)$

4. $18n^2 - 9n - 5$
   $(3n + 1)(6n \qquad)$

5. $5x^2 + 34x + 24$
   $(x + 6)(\qquad + 4)$

6. $7n^2 + 36n + 5$
   $(n + 5)(\qquad + 1)$

7. $21x^2 + 10x - 16$
   $(7x \qquad)(3x - 2)$

8. $2x^2 - 7x - 30$
   $(x \qquad)(2x + 5)$

9. $3a^2 + 19a + 6$
   $(a + 6)(\qquad + 1)$

10. $16n^2 - 18n + 5$
   $(8n \qquad)(2n - 1)$