9.2 Preparing to Factor   Name: _____

Directions: Find a pair of numbers that multiply to "m" and sum to "s".

1. $m = 20$ and $s = -9$ 2. $m = -16$ and $s = 6$

3. $m = 50$ and $s = -15$ 4. $m = -20$ and $s = -8$

5. $m = -56$ and $s = 1$ 6. $m = 21$ and $s = 10$

7. $m = -40$ and $s = -3$ 8. $m = -42$ and $s = 11$

9. $m = -14$ and $s = -5$

10. $m = -28$ and $s = -3$

11. $m = 30$ and $s = -13$

12. $m = -13$ and $s = 12$

13. $m = 16$ and $s = -8$

14. $m = 63$ and $s = -16$

15. $m = 55$ and $s = 16$

16. $m = -21$ and $s = 4$