

Name - \_\_\_\_\_

Start time - \_\_\_ : \_\_\_

End time - \_\_\_ : \_\_\_

**Factorize the following by splitting the middle terms:**

1.  $2x^2 + 7x + 3$

11.  $a^2 - 11a - 42$

2.  $6x^2 + x - 2$

12.  $a^2 - 12a - 45$

3.  $3x^2 + x - 2$

13.  $a^2 - 7a - 30$

4.  $3x^2 - 19x + 20$

14.  $a^2 - 5a - 24$

5.  $4x^2 + 9x + 5$

15.  $3a^2 + 10a + 8$

6.  $6a^2 + 11a - 10$

16.  $x^2 + 7x + 12$

7.  $3a^2 + 14a + 8$

17.  $m^2 - 4m - 12$

8.  $2a^2 + a - 45$

18.  $a^2 - 4a - 45$

9.  $3a^2 - 10a + 8$

19.  $x^2 - 4x - 77$

10.  $2a^2 - 17a - 30$

20.  $a^2 - 12a + 20$

1

2

3

4

5

6

7

8

9