Exercise 2G

Question 26:

$2x^2 - 7x - 15$

$= 2x^2 - 10x + 3x - 15$

$= 2x (x - 5) + 3 (x - 5)$

$= (x - 5) (2x + 3).$

Question 27:

$6x^2 - 5x - 21$

$= 6x^2 + 9x - 14x - 21$

$= 3x (2x + 3) - 7 (2x + 3)$

$= (3x - 7) (2x + 3).$

Question 28:

$10x^2 - 9x - 7$

$= 10x^2 + 5x - 14x - 7$

$= 5x (2x + 1) - 7 (2x+ 1)$

$= (2x + 1) (5x - 7).$

Question 29:

$5x^2 - 16x - 21$

$= 5x^2 + 5x - 21x - 21$

$= 5x (x + 1) -21 (x + 1)$

$= (x + 1) (5x - 21).$

Question 30:

$2x^2 - x - 21$

$= 2x^2 + 6x - 7x - 21$

$= 2x (x + 3) - 7 (x + 3)$

$= (x + 3) (2x - 7).$

*********** END *********