

☺ Factorise the following.

(1)  $x^2 + 5x + 6$

(2)  $y^2 + 9y + 14$

(3)  $a^2 + 3a - 10$

(4)  $b^2 + 6b - 27$

(5)  $m^2 - 13m + 36$

☺ Factorise the following.

(6)  $n^2 - 13n + 42$

(7)  $x^2 - 6x - 16$

(8)  $y^2 - 2y - 35$

(9)  $a^2 + 6a - 16$

(10)  $x^2 - 15x + 50$

☺ Factorise the following.

(11)  $a^2 - 7ab + 6b^2$

(12)  $h^2 - 9hk + 20k^2$

(13)  $x^2 - xy - 56y^2$

(14)  $a^2 + ab - 90b^2$

(15)  $m^2 - 12mn - 64n^2$

☺ Factorise the following.

(16)  $x^2 - 6xy - 7y^2$

(17)  $m^2 + 8mn + 12n^2$

(18)  $a^2 - 3ab - 130b^2$

(19)  $p^2 + 9pq - 22q^2$

(20)  $m^2 + 12mn - 28n^2$

☺ Factorise the following.

(21)  $4k^2 - 11k + 7$

(22)  $3x^2 - 22x + 24$

(23)  $7y^2 - 11y - 6$

(24)  $7a^2 - 13a - 2$

(25)  $4m^2 + 4m - 15$

☺ Factorise the following.

(26)  $3k^2 - 11k + 6$

(27)  $6a^2 - 7a - 20$

(28)  $2x^2 + 11x + 12$

(29)  $3a^2 + 11a + 10$

(30)  $5n^2 + 12n - 9$

☺ Factorise the following.

(31)  $6m^2 + 19mn - 7n^2$

(32)  $5h^2 - 21hk + 4k^2$

(33)  $2a^2 + 3ab + b^2$

(34)  $2x^2 + 11xy + 5y^2$

(35)  $6c^2 - 11cd + 4d^2$

☺ Factorise the following.

(36)  $3y^2 + 23yz + 14z^2$

(37)  $5a^2 - 13ab - 6b^2$

(38)  $4x^2 + 9xy - 9y^2$

(39)  $12m^2 - 13mn - 14n^2$

(40)  $5c^2 + 14cd + 8d^2$