

5.6

$$1) \begin{aligned} (x+8)(x-8) \\ x^2 - 64 \end{aligned}$$

$$3) \begin{aligned} (1+3p)(1-3p) \\ 1 - 9p^2 \end{aligned}$$

$$5) \begin{aligned} (1-7n)(1+7n) \\ 1 - 49n^2 \end{aligned}$$

$$7) \begin{aligned} (5n-8)(5n+8) \\ 25n^2 - 64 \end{aligned}$$

$$9) \begin{aligned} (4x+8)(4x-8) \\ 16x^2 - 64 \end{aligned}$$

$$11) \begin{aligned} (4y-x)(4y+x) \\ 16y^2 - x^2 \end{aligned}$$

$$13) \begin{aligned} (4m-8n)(4m+8n) \\ 16n^2 - 64n^2 \end{aligned}$$

$$15) \begin{aligned} (6x-2y)(6x+2y) \\ 36x^2 - 4y^2 \end{aligned}$$

$$17) \begin{aligned} (a+5)^2 \\ 2(5a) = 10a \\ a^2 + 10a + 25 \end{aligned}$$

$$19) \begin{aligned} (x-8)^2 \\ 2(-8x) = -16x \\ x^2 - 16x + 64 \end{aligned}$$

$$21) \begin{aligned} (p+7)^2 \\ 2(7p) = 14p \\ p^2 + 14p + 49 \end{aligned}$$

$$23) \begin{aligned} (7-5n)^2 \\ 2(-35n) = -70n \\ 49 - 70n + 25n^2 \end{aligned}$$

$$25) \begin{aligned} (5m-8)^2 \\ 2(-40m) = -80m \\ 25m^2 - 80m + 64 \end{aligned}$$

$$27) \begin{aligned} (5x+7y)^2 \\ 2(35xy) = 70xy \\ 25x^2 + 70xy + 49y^2 \end{aligned}$$

$$29) \begin{aligned} (2x+2y)^2 \\ 2(4xy) = 8xy \\ 4x^2 + 8xy + 4y = y^2 \end{aligned}$$

$$31) \begin{aligned} (5+2r)^2 \\ 2(10r) = 20r \\ 25 + 20r + 4r^2 \end{aligned}$$

$$33) \begin{aligned} (2+5x)^2 \\ 2(10x) = 20x \\ 4 + 20x + 25x^2 \end{aligned}$$

$$35) \begin{aligned} (4v-7)(4v+7) \\ 16v^2 - 49 \end{aligned}$$

$$37) \begin{aligned} (n-5)(n+5) \\ n^2 - 25 \end{aligned}$$

$$39) \begin{aligned} (4k+2)^2 \\ 2(8k) = 16k \\ 16k^2 + 16k + 4 \end{aligned}$$