

$$\begin{aligned} \textcircled{5} (4-i)(2+5i) \\ 8 + 20i - 2i + 5 \\ = 13 + 18i \end{aligned}$$

$$\begin{aligned} \textcircled{7} (-5+2i)(4-10i) \\ -20 + 50i + 8i + 20 \\ = 58i \end{aligned}$$

$$\begin{aligned} \textcircled{9} (5-5i)(-5+5i) \\ -25 + 25i + 25i + 25 \\ = 50i \end{aligned}$$

$$\begin{aligned} \textcircled{11} (-3+4i)(-4+3i) \\ 12 - 9i - 16i - 12 \\ = -25i \end{aligned}$$

$$\begin{aligned} \textcircled{13} (7-4i)(6-8i) \\ 42 - 56i - 24i - 32 \\ = 10 - 80i \end{aligned}$$

$$\begin{aligned} \textcircled{15} -7i(5-6i) \\ -35i - 42 \\ = -42 - 35i \text{ (standard form)} \end{aligned}$$

$$\begin{aligned} \textcircled{17} (2-2i)(3-5i) \\ 6 - 10i - 6i - 10 \\ = -4 - 16i \end{aligned}$$

$$\begin{aligned} \textcircled{19} (2+i)(3-i)(2-3i) \\ 6 - 2i + 3i + 1 (2-3i) \\ (7+i)(2-3i) \\ 14 - 21i + 2i + 3 \\ = 17 - 19i \end{aligned}$$

$$\begin{aligned} \textcircled{21} -i(1+i)^2(2+i) \\ -i(1+i)(1+i)(2+i) \\ -i(1+i+i-1)(2+i) \\ -i(2i)(2+i) \\ -2i^2(2+i) \\ -2(-1)(2+i) \\ 2(2+i) \\ = 4 + 2i \end{aligned}$$