

2.

$$9k + 12i + 3k - 2i$$

$$14i + 6k$$

$$14i + 12k$$

$$10i + 12k$$

$$14i + 13k$$

Solution

$$\begin{aligned} & 9k + 12i + 3k - 2i \\ &= (9k + 3k) + (12i - 2i) \\ &= 12k + 10i \end{aligned}$$