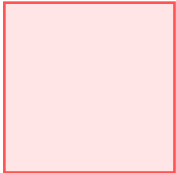


2.



$$8i + 9q + 11i - q$$

$$-3i + 10q$$

$$19i + 10q$$

$$19i + 8q$$

$$20i + 10q$$

Solution

$$8i + 9q + 11i - q$$

$$= (8i + 11i) + (9q - q)$$

$$= 19i + 8q$$