96

(1)

$$20\,m/s + 10\,m/s = 30\,m/s$$

(2)

$$20\,m/s - 10\,m/s = 10\,m/s$$

(3)

$$\sqrt{(20\,m/s)^2 + (20\,m/s)^2} = 28\,m/s$$