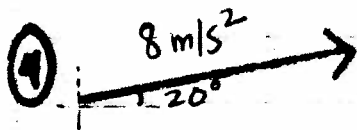# Activity: Vector Addition

Part 1

Resolve the **6** vectors into horizontal & vertical components

① 10m 45°

② 10m 60°

③ 7m/s 75°

④ 8 m/s² 20°

⑤ 30° 5 N

⑥ 65° 200 kg·m/s
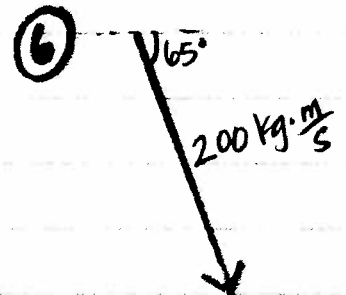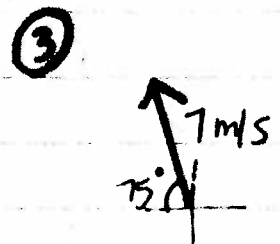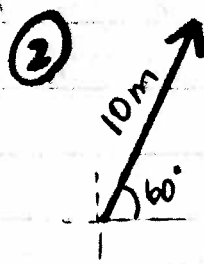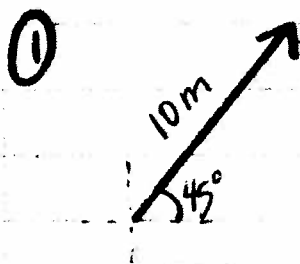
Part 2

Find the resultant: —

5m 10° + 7m + 6m 75° + 4m 30° + 4.5m