

Resit Exam

1a meters (m)

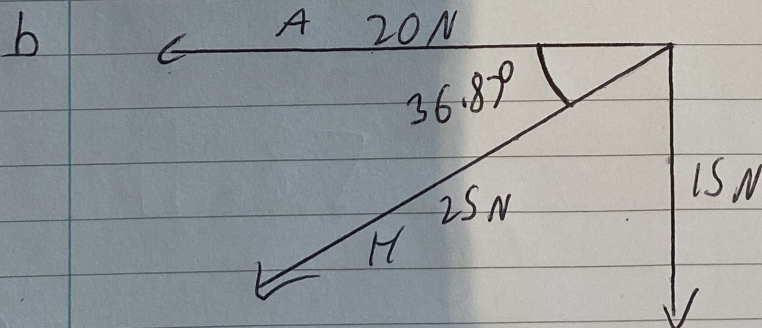
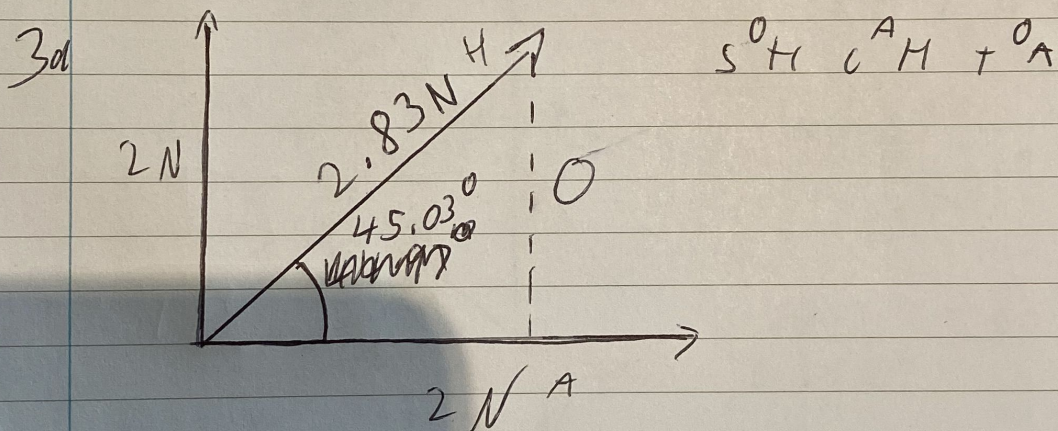
b meters (m)

c ms^4

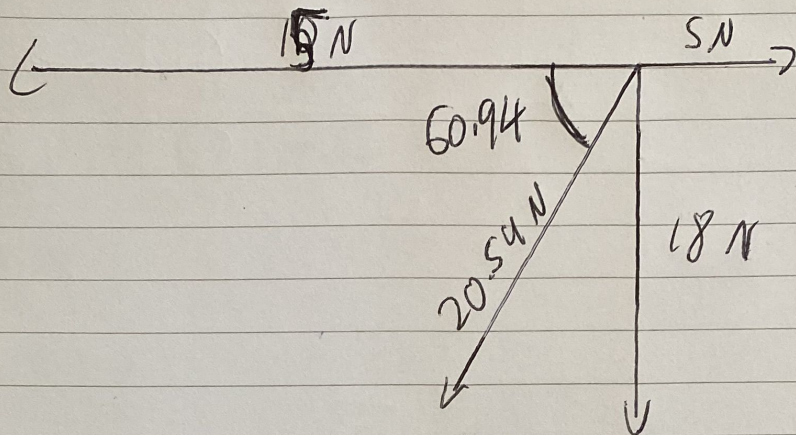
d ms^{-1}

e ms^{-2}

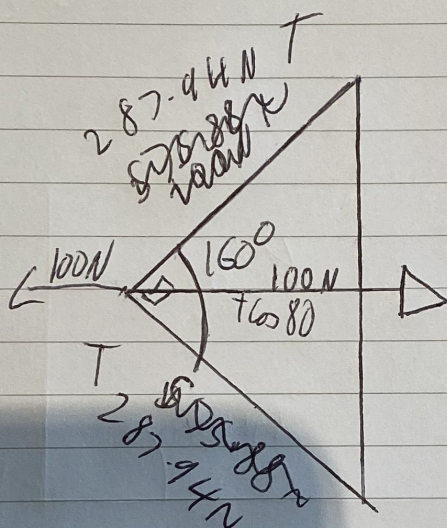
2 Nm



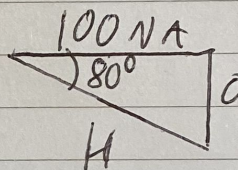
30



4a



$S^0 H C^A H T^0 A$



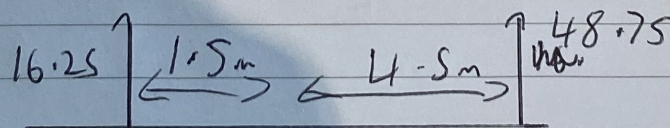
$$\frac{100}{2 \cos(80)} = 287.94$$

b ~~287.94 N~~ 287.94 N

(i) 0 N

(ii) 100 N

5



$$65 \div 6 \times 4.5 = 48.75$$

65 N

$$65 \div (4.5 + 1.5) \times 1.5 =$$

16.25

6a A

b $\frac{40}{23} + 5 = 6.74 \Omega$

c 3.56 A

d 17.81 V

e 3.56 A

f ~~3.56~~ 3.56 A

g 124