No. :

Date :

1. $120 \times 0{,}5 = 60$ //

2. $W_x = m.g \sin\theta$
$= 2.10.0{,}5$
$= 10$ //

3. Dik = $M_1 = 1\,kg$ dan $M_2 = 3\,kg$ dan $g = 10\ m/s^2$

a. percepatan

$$a = \frac{(3-1).10}{1+3} = \frac{20}{4} = 5$$

b. Tegangan tali

$T = 1 \times 5 = 5$

4. a. percepatan

$$a = \frac{(3-2).10}{2+3} = \frac{10}{5} = 2$$

b. Tegangan tali kedua benda

$$T = \frac{2.2.3.10}{2+3} = \frac{120}{5} = 24$$ //

$2.10 - T = 2.2$

$20 - T = 4$

$T = 20 - 4$

$= 16$ //