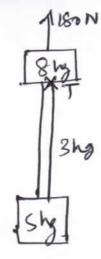
## FORCE & FRICTION TUTORIAL

Pg 1132	S 6
P3114	12
Pg 116	Comprehension
Pg 122	31
Pg 123	32
Pg 126	20 7 24
B 127	28, 30,31,32
Pg 128	4,5,7
Pg 129	11, 12, 13, 14
Pg 130	17, 20, 22
Pg 132	32,33,34
Pg 135	53,55
P3 137	62, 66
Ps 143	94, 95, 97
Pa 147	6mp 3, 4

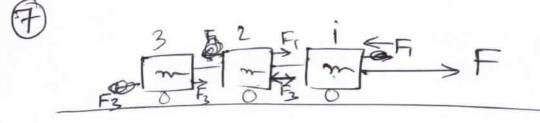


$$180 \text{ N}$$
 $16 \text{ M}$ 
 $180 - 160 = 160$ 
 $8 = \frac{5}{4} \text{ m/s}^2$ 

$$T-80 = 8x \le 7$$

$$T = 80 + 10$$

$$= 30 \text{ N}$$



$$F + F_1 = ma$$
.  
 $-F_3 + F_1 = ma$ .  
 $+F_3 = ma$ .  
 $F_3 = ma$ .

$$F_1 = F - ma$$

$$= F - mh\left(\frac{F}{3m}\right)$$

$$= 2F/3$$

$$a = (m_2 - m_1) g$$

$$= (4 - 2) g$$

$$= 4+2$$

$$= 9/3$$

$$7$$

$$7$$

$$7$$

$$7$$

$$7$$

$$= 49/3 - 40/3 N$$

(3)

$$a = \frac{g}{g} = \frac{m_2 - m_1}{m_1 + m_2}$$
 $m_2 = \frac{g}{g} = \frac{m_2 - m_1}{m_1 + m_2}$ 
 $m_2 = m_2 = m_2$ 
 $m_1 + m_2 = m_1 = m_2$ 
 $m_1 + m_2 = m_1 = m_2$ 
 $m_1 + m_2 = m_2 = m_1$ 
 $a = (m_2 - m_1)g$ 
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$$\begin{array}{c}
\boxed{1} \\
\boxed{3} \\
\boxed{1}
\end{array}$$

$$\begin{array}{c}
\boxed{1} \\
\boxed{3} \\
\boxed{1}
\end{array}$$

$$= 0.5 \times 2 \\
= 1 N.$$

$$25 + 1 = 26 N.$$

7A+XB-2xp=const.

P=(M+m)a. N=mg 6080 +malupe= P = (M+m)a. = (M+m)g tan B A= 60 (9759) 1/60a  $= 200 \times 99 = 1359$ F-60g+60a=60x5g F+60a = 10009 135gt) V1009

= 1959-60a

$$35g = 160 a$$

$$a = \frac{35g}{160}$$

$$= 100 (a+g)$$

$$= 100 (\frac{367}{160} + 1) g$$

$$= 100 \times 39 g = \frac{3900}{32} = 1218 \text{ N}$$