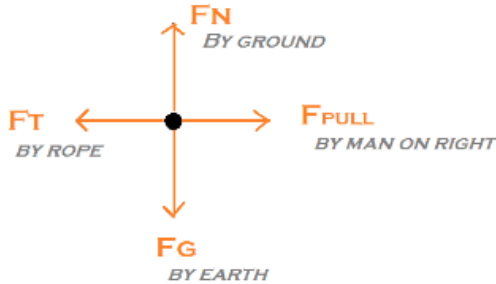
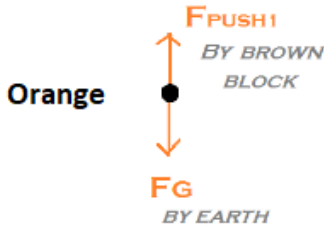
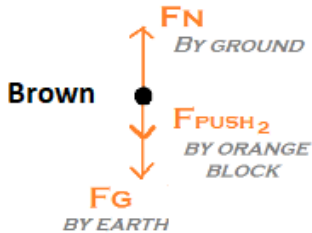
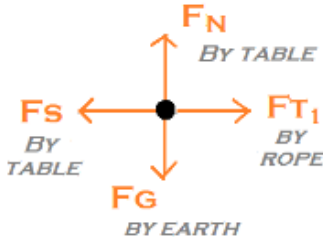



1	 <table border="1" data-bbox="906 394 1248 558"> <tr> <td>X</td><td>$F_T = F_{pull}$</td></tr> <tr> <td>Y</td><td>$F_N = F_G$</td></tr> </table>	X	$F_T = F_{pull}$	Y	$F_N = F_G$		
X	$F_T = F_{pull}$						
Y	$F_N = F_G$						
2	<p>Orange</p>  <table border="1" data-bbox="704 779 1071 867"> <tr> <td>Y</td><td>$F_{push} = F_G$</td></tr> </table> <p>Brown</p>  <table border="1" data-bbox="691 1058 1114 1148"> <tr> <td>Y</td><td>$F_N = F_G + F_{push}$</td></tr> </table>	Y	$F_{push} = F_G$	Y	$F_N = F_G + F_{push}$		
Y	$F_{push} = F_G$						
Y	$F_N = F_G + F_{push}$						
3	 <table border="1" data-bbox="734 1341 1127 1533"> <tr> <td>X</td><td>$F_S = F_{T1}$</td></tr> <tr> <td>Y</td><td>$F_N = F_G$</td></tr> </table>  <table border="1" data-bbox="730 1688 1127 1787"> <tr> <td>Y</td><td>$F_{T2} = F_G$</td></tr> </table>	X	$F_S = F_{T1}$	Y	$F_N = F_G$	Y	$F_{T2} = F_G$
X	$F_S = F_{T1}$						
Y	$F_N = F_G$						
Y	$F_{T2} = F_G$						

4	<div data-bbox="354 300 818 596"> <p>F_{T1} BY ROPE (tied to top of platform)</p> <p>F_{T2} BY ROPE (held by person)</p> <p>F_G BY EARTH</p> </div> <div data-bbox="881 386 1325 480"> <table border="1"> <tr> <td>Y</td> <td>$F_{T1} + F_{T2} = F_G$</td> </tr> </table> </div>	Y	$F_{T1} + F_{T2} = F_G$								
Y	$F_{T1} + F_{T2} = F_G$										
5	<div data-bbox="354 653 831 863"> <p>Red</p> <p>$F_N(\text{brown})$</p> <p>F_T</p> <p>$F_S(\text{brown})$</p> <p>F_G</p> </div> <div data-bbox="889 695 1222 858"> <table border="1"> <tr> <td>X</td> <td>$F_T = F_S$</td> </tr> <tr> <td>Y</td> <td>$F_N = F_G$</td> </tr> </table> </div> <div data-bbox="354 926 831 1178"> <p>Brown</p> <p>$F_N(\text{floor})$</p> <p>$F_S(\text{red})$</p> <p>$F_S(\text{floor})$</p> <p>F_T2</p> <p>$F_N(\text{red})$</p> <p>F_G</p> </div> <div data-bbox="889 963 1289 1127"> <table border="1"> <tr> <td>X</td> <td>$F_{Sf} + F_{Sr} = F_{T2}$</td> </tr> <tr> <td>Y</td> <td>$F_{Nf} = F_{Nr} + F_G$</td> </tr> </table> </div> <div data-bbox="375 1226 716 1436"> <p>Green</p> <p>F_{T3}</p> <p>F_G</p> </div> <div data-bbox="889 1285 1222 1369"> <table border="1"> <tr> <td>Y</td> <td>$F_{T3} = F_G$</td> </tr> </table> </div>	X	$F_T = F_S$	Y	$F_N = F_G$	X	$F_{Sf} + F_{Sr} = F_{T2}$	Y	$F_{Nf} = F_{Nr} + F_G$	Y	$F_{T3} = F_G$
X	$F_T = F_S$										
Y	$F_N = F_G$										
X	$F_{Sf} + F_{Sr} = F_{T2}$										
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Y	$F_{T3} = F_G$										