Wrong.

- wh oh - infinite acceleration!

Okay!

aaah.
Block D:

1. \( T_4 - (2\text{kg})g = (2\text{kg})a_D \)

E:

2. \( T_4 - (4\text{kg})g = (4\text{kg})a_E \)

\( a_E = -a_D \)

\[ T_4 = (4\text{kg})\left(-\frac{1}{3}g\right) + (4\text{kg})g = \frac{8}{3} (\text{kg})g = \frac{80}{3} N. \]

3. \( -(4\text{kg})g - (2\text{kg})g = (4\text{kg})a_E + (2\text{kg})a_E \)

\( a_E = \frac{(-2\text{kg})g}{6 \text{ kg}} = -\frac{1}{3}g \)