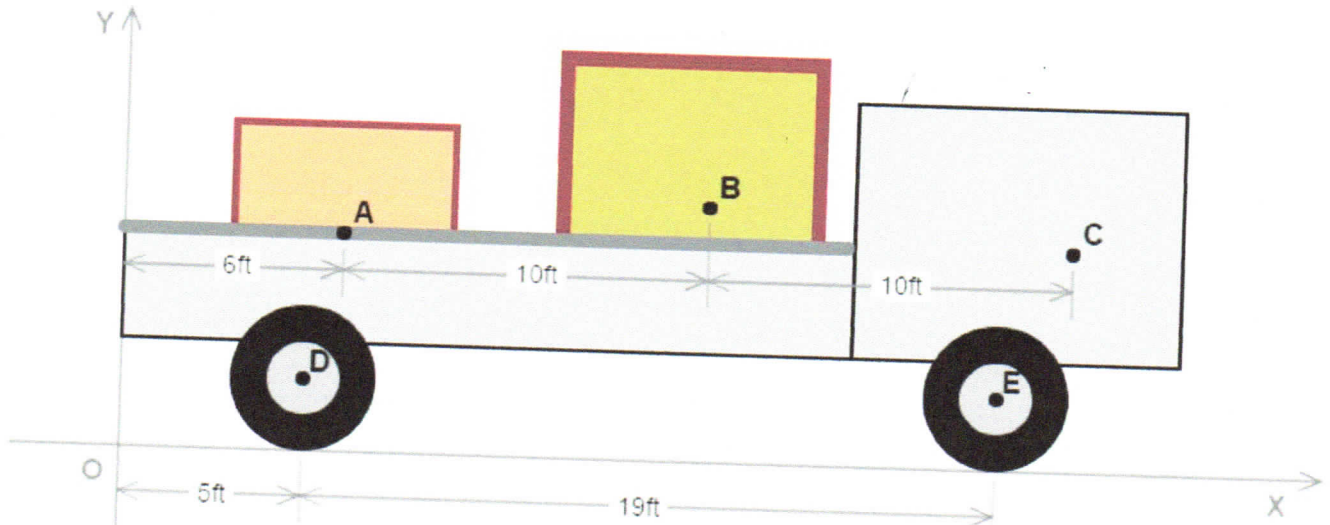


ip4STATICS Problem U04_P02

A truck weighing WC tons carries two loads, weighing WA and WB tons, respectively.

ENTER

enter answer

submit

get feedback

number of tries

INSTANCE 1: $WA = 0.666$ tons, $WB = 2.76$ tons, $WC = 2.19$ tons

(1) What is the reaction force FD at tire D? (Enter 'tons,deg')

2.22, 90

ENTER

mag: 142%, deg: ok *

(2) What is the reaction force FE at tire E? (Enter 'tons,deg')

-3.66, 88

ENTER

mag: -90%, deg: 98% **

REDRAW

GRID

1

ANS

CLR

1

ANS

CLR

Message:

RETURN

HELP

CLEAR MSG

WORKSHEET

SOLUTION

* 'mag' is 42% too big; 'deg' is accurate.

** 'mag' is wrong sign and too small by 10%;
'deg' is a little too small.