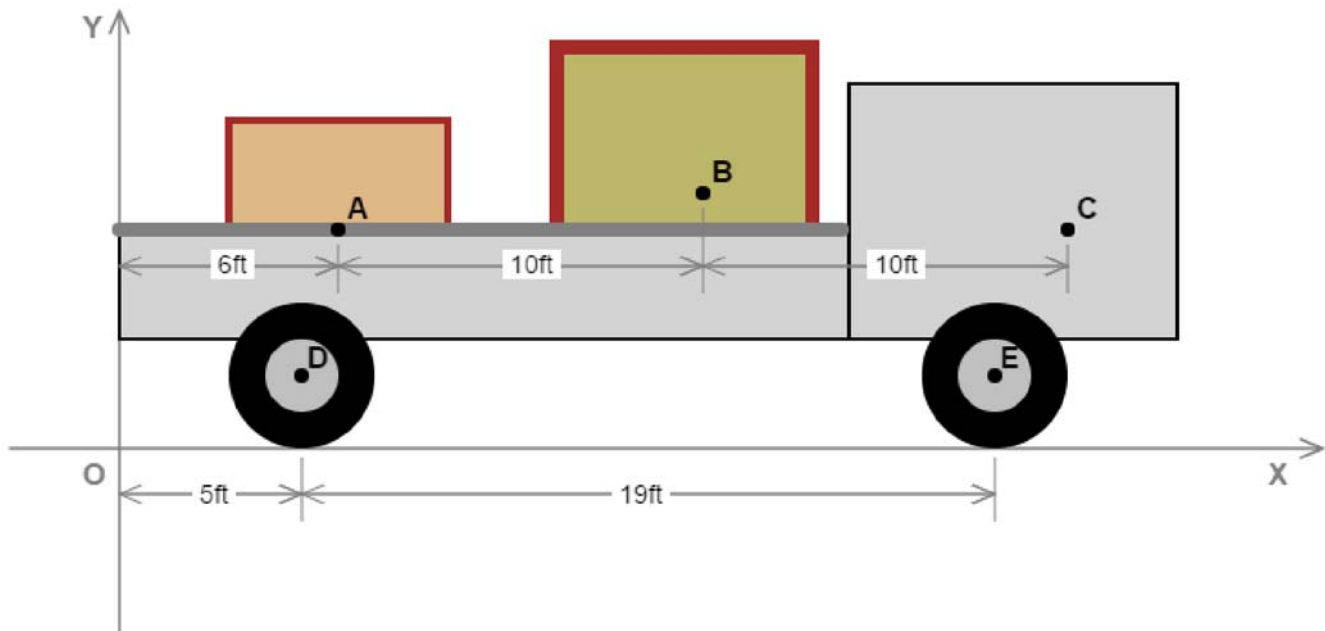


**ip4STATICS Problem U04\_P02**

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



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

REDRAW

GRID

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

2.22, 90

ENTER

mag: 142%, deg: ok

1

ANS

CLR

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

-3.66, 88

ENTER

mag: -90%, deg: 98%

1

ANS

CLR

Answer 2: 4.05 tons @ 90.0°

RETURN

HELP

CLEAR MSG

WORKSHEET

SOLUTION