

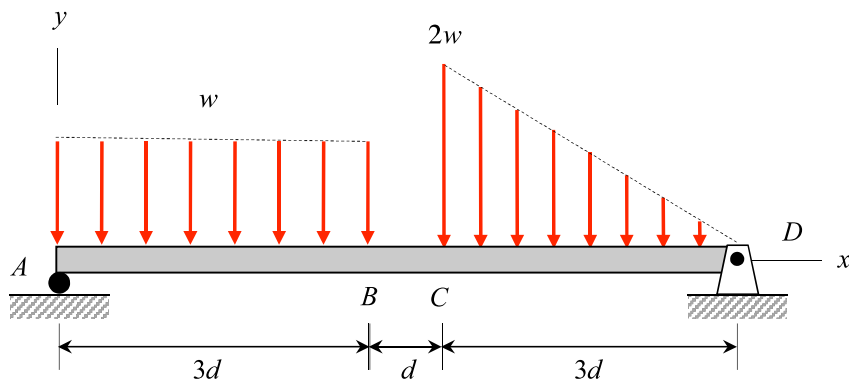
Homework Problem H12.A

Given: The beam is loaded as shown.

Find: For this problem:

- Calculate the magnitude and location of the single-force equivalent load.
- Determine the reactions acting on the beam.

Use the following parameter values for your work: $w = 10$ kips/ft and $d = 1$ ft.



Homework Problem H12.B

Given: The beam is loaded as shown.

Find: For this problem:

- Calculate the magnitude and location of the single-force equivalent load.
- Determine the reactions acting on the beam.

Use the following parameter values for your work: $F = 15$ kips, $w = 5$ kips/ft and $L = 6$ ft.

