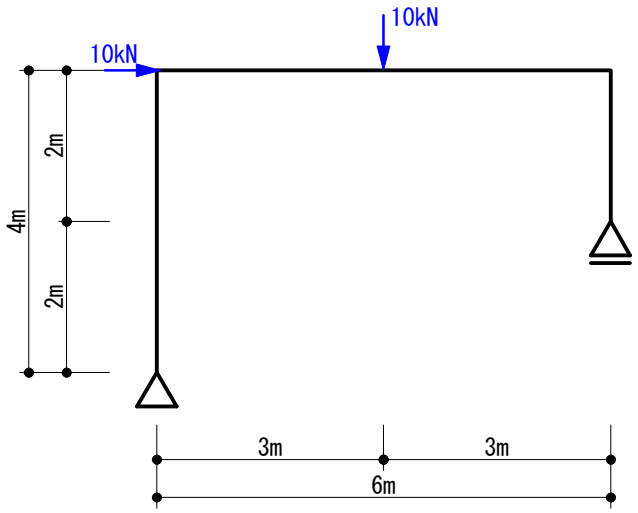
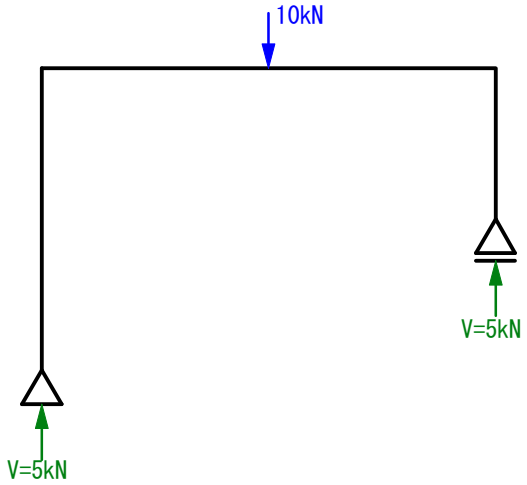
■問題　骨組のモーメント図を書け。



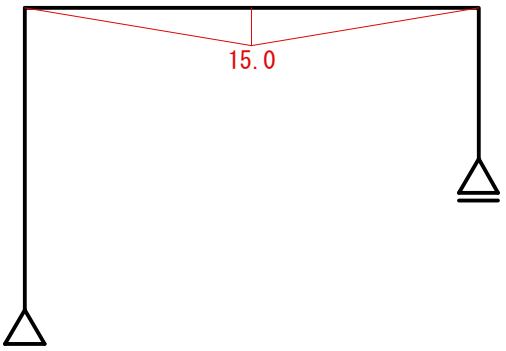
静定ラーメン
柱の長さが違う静定ラーメンに、2つの外力を作用させた問題です。

■解説
外力を分けて考えます。

▼応力図1

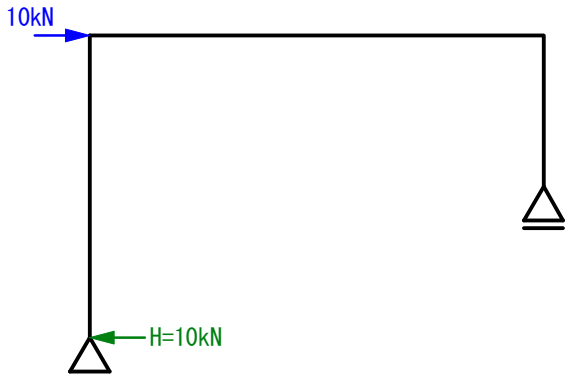


▼M図1

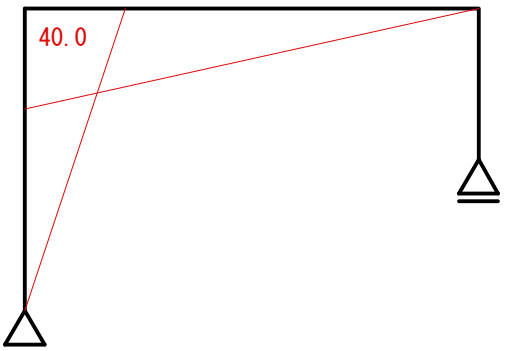


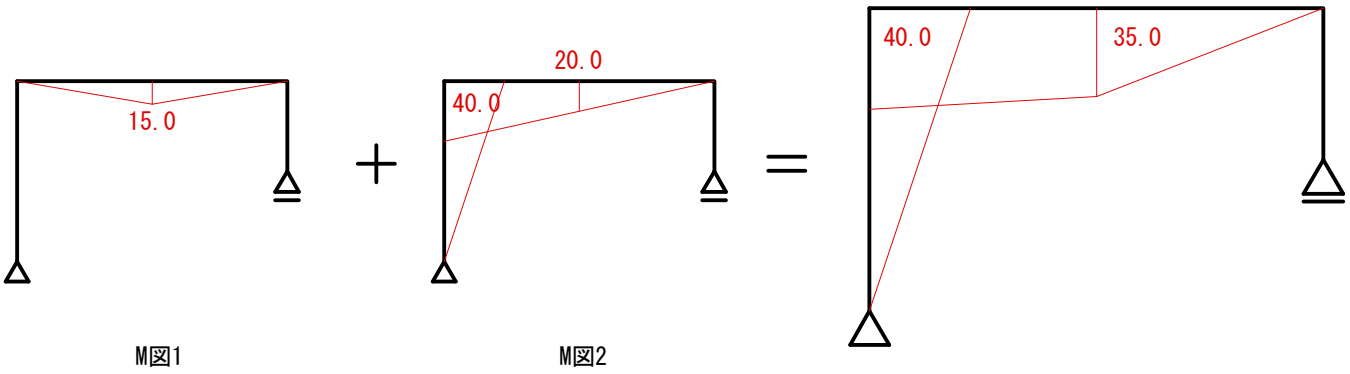
M = 5kN×3m = 15.0kN

▼応力図2



▼M図2



M = 10kN×4m = 40.0kN

▼M図1とM図2を和します。