

Moments answers

1 (a) 61N (b) 2.81m

2 (a) $R = 57.5gN$ (b) 0.7m

3 (a) 95gN (b) 4.1m

4 (a) 3.5m (b) 0.3m

5 2m

Extension

1 (a) 0 (b) 2475N (c) 3037.5N (d) 4.74m