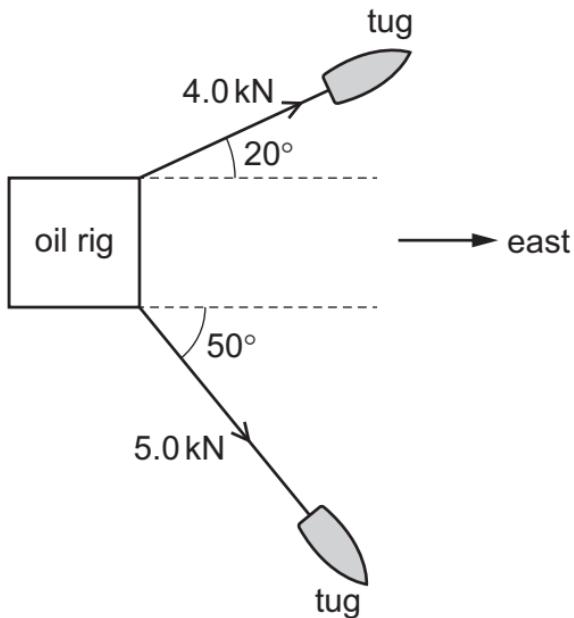


- 3 Two tugs are towing an oil rig as shown.



The tensions in the towing cables are 4.0 kN and 5.0 kN.

What is the total force acting on the rig due to the cables, in the direction to the east?

- A 3.1 kN
- B 5.2 kN
- C 7.0 kN
- D 7.3 kN