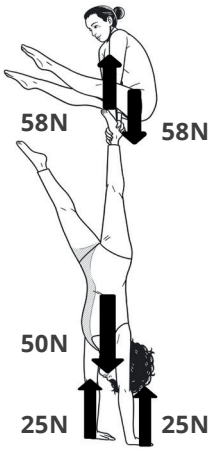
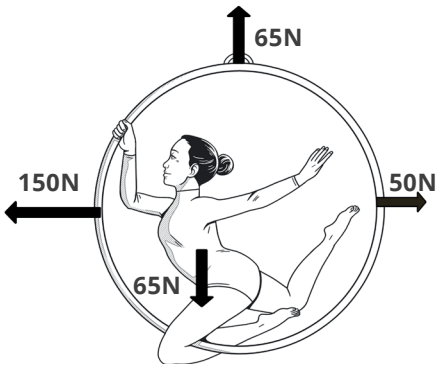
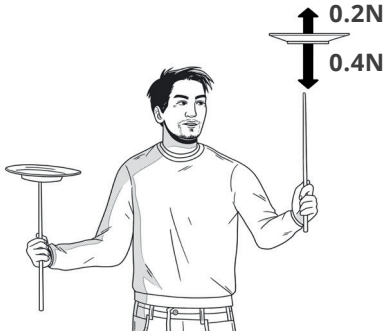
Balanced and Unbalanced Forces **Answers**



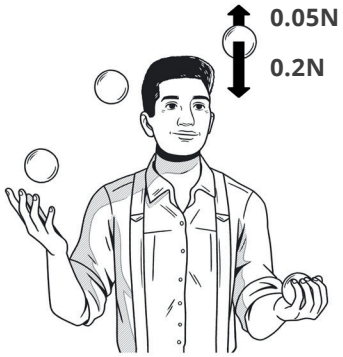
☑ balanced ☐ unbalanced



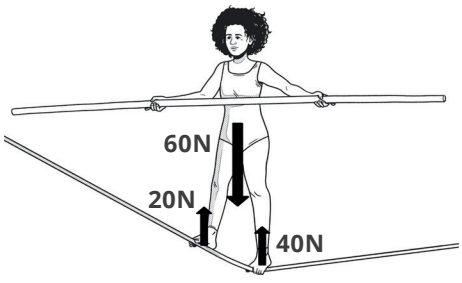
☐ balanced ☑ unbalanced



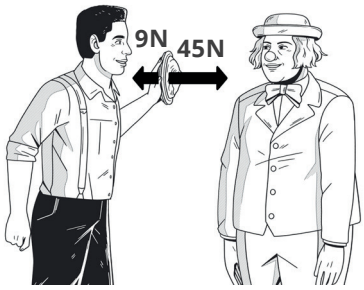
☐ balanced ☑ unbalanced



☐ balanced ☑ unbalanced



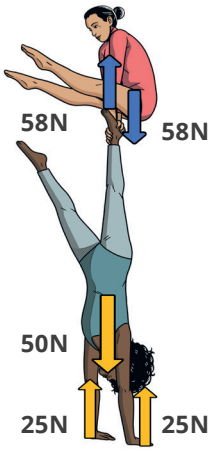
☑ balanced ☐ unbalanced



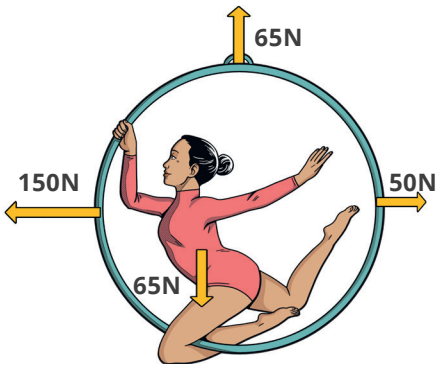
☐ balanced ☑ unbalanced

Balanced and Unbalanced Forces

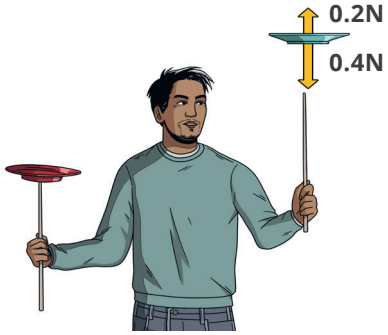
1. Tick **one** box below each diagram to show whether the forces acting on the objects are balanced or unbalanced.



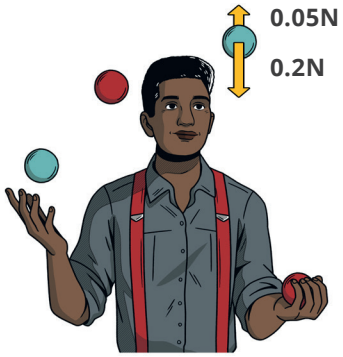
☐ balanced ☐ unbalanced



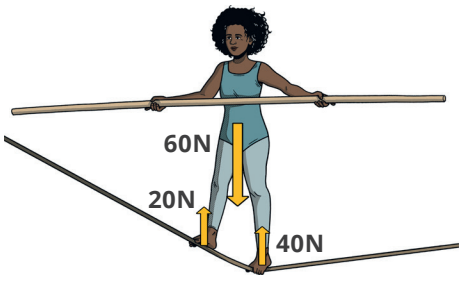
☐ balanced ☐ unbalanced



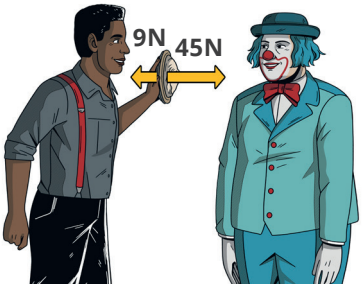
☐ balanced ☐ unbalanced



☐ balanced ☐ unbalanced

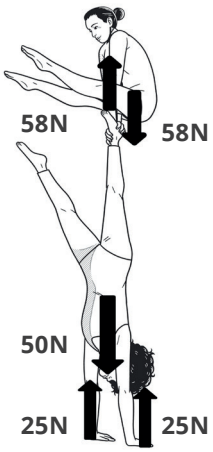


☐ balanced ☐ unbalanced



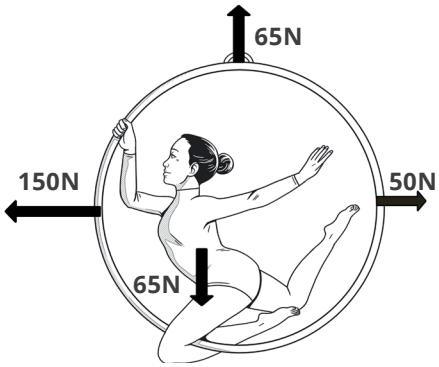
☐ balanced ☐ unbalanced

Balanced, Unbalanced and Resultant Forces
Answers



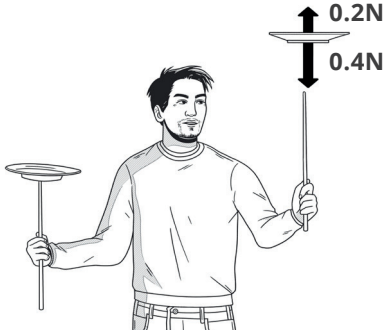
☑ balanced ☐ unbalanced

0N



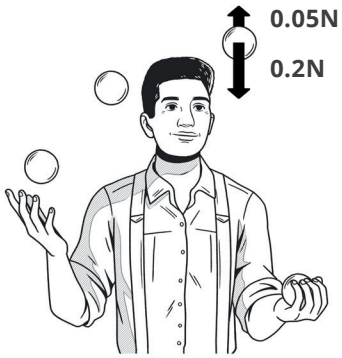
☐ balanced ☑ unbalanced

100N to the left



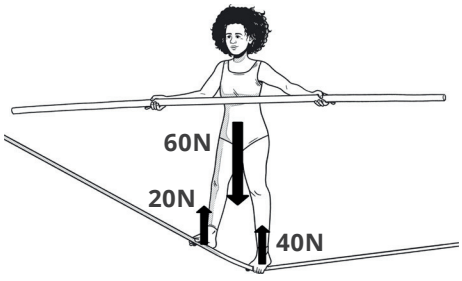
☐ balanced ☑ unbalanced

0.2N downwards



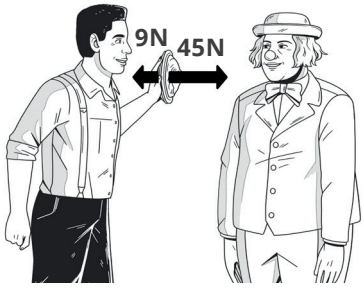
☐ balanced ☑ unbalanced

0.15N downwards



☑ balanced ☐ unbalanced

0N



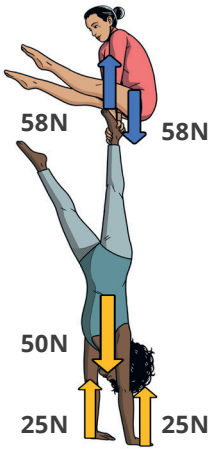
☐ balanced ☑ unbalanced

36N to the right

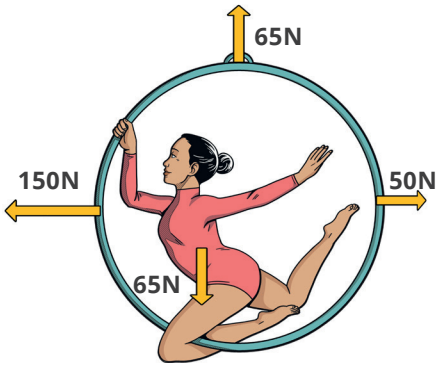
Balanced, Unbalanced and Resultant Forces

1. Tick **one** box below each diagram to show whether the forces acting on the objects are balanced or unbalanced.

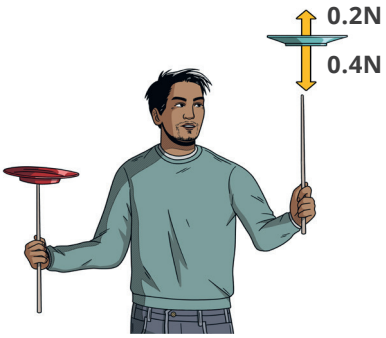
2. In the box below each diagram, write down the resultant force and, if applicable, the direction of the resultant force.



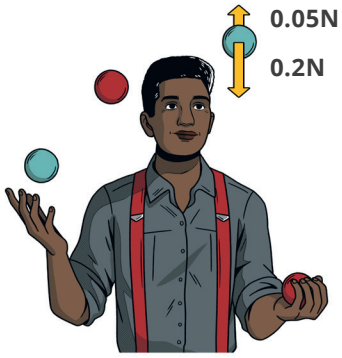
☐ balanced ☐ unbalanced



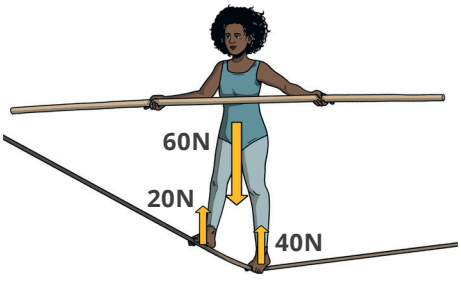
☐ balanced ☐ unbalanced



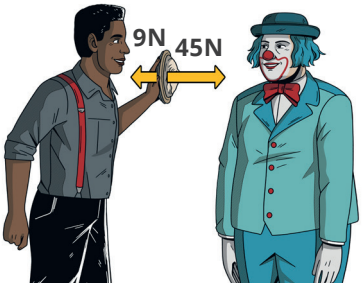
☐ balanced ☐ unbalanced



☐ balanced ☐ unbalanced



☐ balanced ☐ unbalanced



☐ balanced ☐ unbalanced