

Unbalanced forces

Foldables.

Please follow the page numbers as directed.

Copy all the information given.

Zoom in if you need to make the pictures bigger

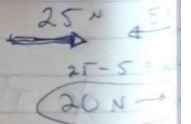
What are
Unbalanced Forces?

Characteristics of
Unbalanced Forces

* There is always a net force

Forces that can change the
Motion of an object.

* They change the motion
of an object



* One force is always greater
than the others

* They cause objects to...

- start moving
- Speed up
- Slow down
- Change direction

* There is always a net force

What are Net Forces?

When are the forces Added?

When are the forces subtracted?

60 N
 $60 - 25 = 35 \text{ N}$

The remaining forces after adding or subtracting

When two forces are applied on the same direction.

When the forces are applied on opposite direction, they are subtracted.

$15 \text{ N} + 5 \text{ N} = 20 \text{ N}$

$30 \text{ N} - 30 \text{ N} = 0$

$60 \text{ N} - 25 \text{ N} = 35 \text{ N}$

