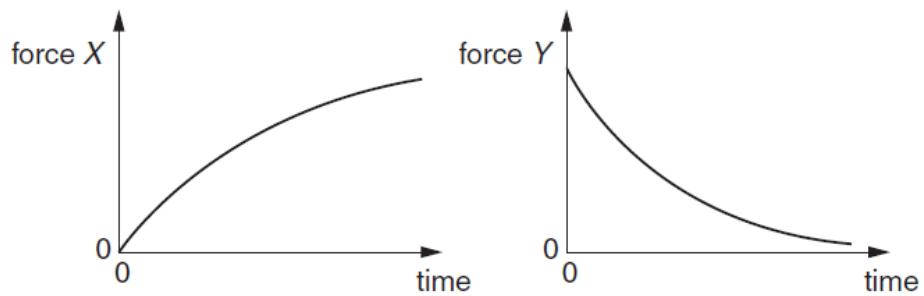


- 6 A ball falls from rest through air and eventually reaches a constant velocity.

For this fall, forces X and Y vary with time as shown.



What are forces X and Y?

| | force X | force Y |
|---|----------------|-----------------|
| A | air resistance | resultant force |
| B | air resistance | weight |
| C | upthrust | resultant force |
| D | upthrust | weight |