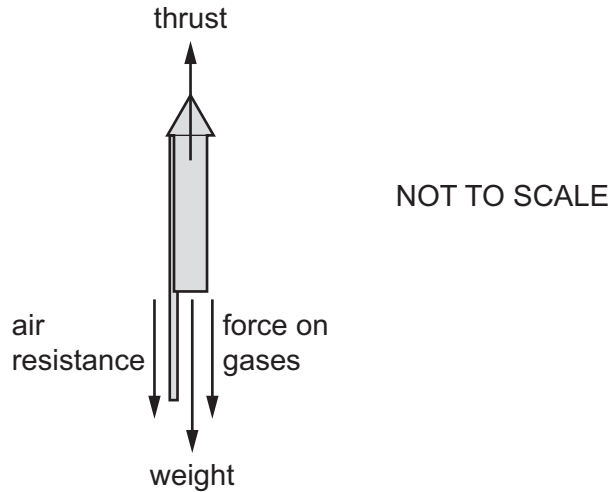


- 10** A firework travels vertically upwards in air. Gases are pushed vertically downwards from the firework.

Several forces that act on the firework and gases are shown.



Which forces are a Newton's third law pair?

- A** air resistance and force on gases
- B** air resistance and thrust
- C** force on gases and thrust
- D** thrust and weight

- 11** The block K is held in contact with the wall by a horizontal force  $F$  applied to the block at the point P. The weight of the block is  $W$ .