

Mark schemes

Q1.

B

*doubling the volume at constant pressure***[1]****Q2.**

C

*3.87v***[1]****Q3.**

B

*400 K***[1]****Q4.**

C

*60 kg***[1]****Q5.**

C

*Charles's Law***[1]****Q6.**

A

[1]**Q7.**

D

[1]