**Laws of logs**

Three main laws:

Special cases:

Not in syllabus (but in MAT/PAT):

**Examples**

Write as a single logarithm:

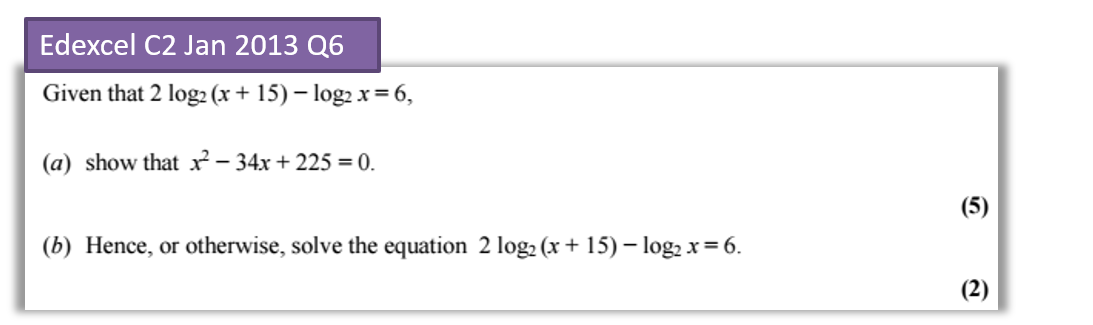


Write in terms of , and



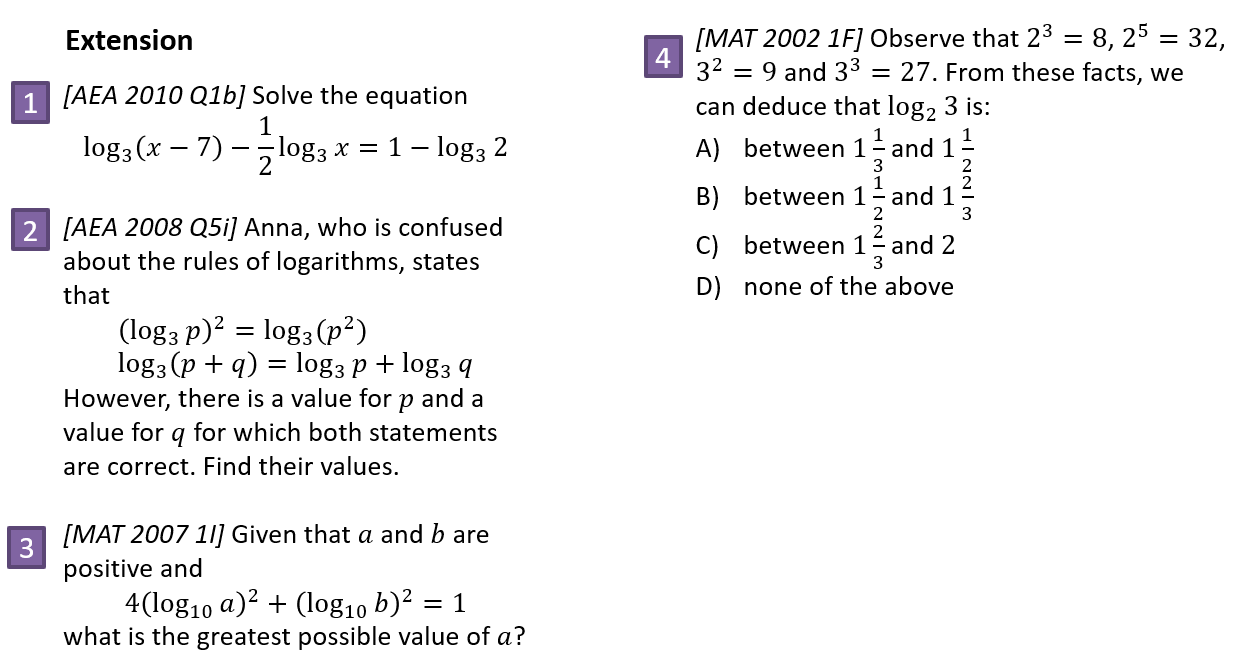
**Solving equations with logs**

Solve the equation



Exercise 14E Pg 323-324

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