

231 Tutorial Sheet 17.¹²

9 March 2007

Useful facts:

- Euler's eqn: use $x = \exp z$.

Questions An extremely short problem sheet this week!

1. Solve $x^2y'' + 4xy' + y = 0$.
2. Solve $x^2y'' + 4xy' + y = x^5$.

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²Including material from Chris Ford, to whom many thanks.