## MA1E02 Tutorial Sheet 4.

Week 6 2013

Questions Evaluate the following integrals:

1.

$$\int \frac{x^2 + 1}{(x - 3)(x - 2)^2} dx \tag{1}$$

2.

$$\int \frac{x^2 + 1}{(x - 3)(x - 2)^2} dx \tag{1}$$

$$\int \frac{x^2 + 2x + u}{x^2 + 2x + 4} \frac{x^2 + u}{6x + 5} dx \tag{2}$$

3.

$$\int \frac{10}{(x-1)(x^2+9)} dx$$
 (3)

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