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(200403)

Maths Exam - ACHH3000

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1/11/2021

$$4 \quad 17x^2 = -5x + 14$$

$$17x^2 + 5x - 14 = 0$$

$$x = \frac{-5 \pm \sqrt{5^2 - (4 \times 17 \times -14)}}{2 \times 17}$$

$$x = 0.7723$$

$$x = -1.0664$$

$$5 \quad 6x + 5y = 35$$

$$7x - 4y = 31$$

24

$$42x + 35y = 241$$

$$42x + 24y = 186$$

$$y = 1$$

$$x = 5$$

547

$$6.ii) 10p^3q^2 - 5p^2q + 15p^4q$$

$$5p^2q(2pq - 1 + 3p^2)$$

$$7.ii) 2x^2y - 4xy^2$$