

3)

$$\text{iii) } x^2 + 8x - 20 = 0$$

$$\underline{(x-2)(x+10)}$$

$$\text{iv) } x^2 - 49 = 0$$

$$\underline{(x+7)(x-7)}$$

$$\text{v) } 2x^2 - 3x - 20 = 0$$

$$\underline{2(x-2.5)(x+4)}$$

$$4) 17x^2 = -5x + 14$$

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

$$x = \frac{-5 \pm \sqrt{977}}{2 \times 17}$$

$$x = \frac{-5 + \sqrt{977}}{34} = 0.772$$

$$x = \frac{-5 - \sqrt{977}}{34} = -1.066$$