

Ex 4

LCD: 4

$$\textcircled{a} \quad \frac{1}{4}x^2 - 4x - 5 = 0 \cdot 4$$

$$x^2 - 16x - 20 = 0$$

$$a = 1 \quad b = -16 \quad c = -20$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$= \frac{16 \pm \sqrt{256 + 80}}{2} = \frac{16 \pm \sqrt{336}}{2}$$

$$= \frac{16 \pm 4\sqrt{16 \cdot 21}}{2}$$

$$\rightarrow = \frac{16 \pm 4\sqrt{21}}{2} = \frac{4(4 \pm \sqrt{21})}{2}$$

$$= 2(4 \pm \sqrt{21})$$

336
/\n
3 · 112
/\n
2 · 56
/\n
2 · 28
/\n
2 · 14
/\n
2 · 7