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$$8x^2 - 4x - 20 = 0$$

$$ax^2 + b + c = 0$$

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

$$x = \frac{-(-4) \pm \sqrt{(-4)^2 - 4 \times 8 \times (-20)}}{2 \times 8}$$

$$x = \frac{4 \pm \sqrt{12 + 640}}{16}$$

$$x = \frac{4 \pm \sqrt{652}}{16}$$

$$x = \frac{4 \pm 25.5}{16}$$

$$x = \frac{4 + 25.5}{16}$$

$$x = 1.84$$

$$x = \frac{4 - 25.5}{16}$$

$$x = -1.34$$

b)

$$1) 8p^3q^2 - 4p^2q^3 + 2p^3q$$
$$= 6p^2q^2$$

c)

$$1) x^2 + 12x + 20 = 0$$
$$(x + 2)(x + 10)$$

$$ii) 2x^2 + x - 15 = 0$$
$$(2x - 5)(x + 3)$$