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cl.1

$$\text{ii.1 } x^2 + 9x + 8 = 0$$
$$(x+8)(x+1) = 0$$

$$x+9=0 \quad \text{or} \quad x-1=0$$
$$x = -8 \quad \quad \quad x = 1$$

$$\text{ii.1 } 12x^2 - 5x - 3 = 0$$

~~12x^2 - 5x - 3 = 0~~

$$4x(3x+1) - 3(3x+1)$$

$$(3x+1)(4x-3) = 0$$

$$3x+1=0$$

$$4x-3=0$$

$$x = -\frac{1}{3}$$

$$\text{or} \quad x = \frac{3}{4}$$

$$\text{iii.1 } 2x^2 + 17x - 30 = 0$$

$$2x^2 + 17x - 30 = 0$$

$$(2x+5)(x-6) = 0$$

$$2x+5=0$$

$$x = -\frac{5}{2}$$

$$\text{or} \quad x-6=0$$

$$x = 6$$

$$\text{iv.1 } x^2 - 256 = 0$$

$$(x-16)(x+16) = 0$$

$$x-16=0$$

or

$$x+16=0$$

$$x = 16$$

$$x = -16$$