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Factor

$$26. \quad 4r^2 + 8r + 3$$

$$4x - 2 = 18$$

$$4x = 20$$

$$x = 5$$

$$x^2 + 4x = 7$$

$$x + 4 = \frac{7}{x}$$

$$A \cdot B = 0$$

$$A = 0 \quad B = 0$$

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

$$x - 5 = 0$$

$$x = 5$$

$$x + 2 = 0$$

$$x = -2$$

$$x(x+1)(3x-7)^2 = 0$$

$$x(x+1)(3x-7)(3x-7) = 0$$

$$x = 0$$

$$x+1=0$$

$$x = -1$$

$$3x-7=0$$

$$\frac{+7}{+7}$$

$$\frac{3x=7}{3}$$

$$3x-7=0$$

$$x = \frac{7}{3} \text{ dr}$$

↑
double root

$x = -1, 0, \frac{7}{3} \text{ dr}$

$$s^2(2s-7)^2 = 0$$
$$s^2 = 0 \quad 2s - 7 = 0$$
$$s = 0 \text{ dr} \quad \frac{2s = 7}{2}$$
$$s = 3.5 \text{ dr}$$