

EXPONENTIAL EQUATIONS

Solve

①

$$4^{x+7} = 8$$

②

$$6e^{2x-5} - 7 = 23$$

③

$$2^{3x-1} = 7^{4x+5}$$

④

$$22 = 33 - 14e^{(-.36)x}$$

⑤

$$e^{2x} - 2e^x + 15 = 0$$

⑥

$$e^{2x} - 5e^x = 0$$

⑦

$$3^{2x} - 3^{x+1} - 10 = 0$$

⑧

$$e^{2x} - e^{x+2} - 2 = 0$$
