Solving Equations Using Factoring
a) Factored form:

    1. $x(x+2)=0$ 2. $(x-3)(x+4)=0$ 3. $(2x-4)(5x+3)=0$

b) Removing Common Factor:

    1. $x^2+4x=0$ 2. $4x^2-12x=0$ 3. $x(x-1)+9(x-1)=0$

c) Difference of Squares:

    1. $x^2-25=0$ 2. $x^2-81=0$ 3. $x^2-169=0$

    4. $4x^2-25=0$ 5. $36-x^2=0$ 6. $144-81x^2=0$

    7. $3x^2-12=0$ 8. $5x^2-45=0$

d) Easy Type 1

    1. $x^2+7x+12=0$ 2. $x^2+15x+16=0$ 3. $x^2+15x+56=0$

    4. $x^2+14x=-40$ 5. $3x^2+60x+225=0$

e) Easy Type 2

    1. $x^2-12x+13=0$ 2. $x^2-15x+14=0$ 3. $x^2-9x-18=0$

    4. $x^2-13x=-30$ 5. $4x^2-20x=-16$

f) Easy Type 3

    1. $x^2+5x-6=0$ 2. $x^2+8x-48=0$ 3. $x^2+3x-54=0$

    4. $x^2+6x=40$ 5. $3x^2+15x-16=0$

g) Easy Type 4

    1. $x^2-7x-8=0$ 2. $x^2-12x-28=0$ 3. $x^2-5x-36=0$

    4. $x^2-3x=88$ 5. $-4x^2+8x+252=0$