Exercises 7.10 page 148

$\sqrt{x^2}=x \quad \sqrt{4}=2$ (1.) $x^2-4=(x+2)(x-2)$

$\sqrt{a^2}=a \quad \sqrt{9}=3$ (2) $a^2-9=(a+3)(a-3)$

$\sqrt{x^2}=x \quad \sqrt{y^2}=y$ (3) $x^2-y^2=(x+y)(x-y)$

$\sqrt{z^2}=z \quad \sqrt{4}=2$ (4) $z^2-4=(z+2)(z-2)$

$\sqrt{c^2}=c \quad \sqrt{d^2}=d$ (5) $c^2-d^2=(c+d)(c-d)$

$\sqrt{a^2}=a \quad \sqrt{16}=4$ (6) $a^2-16=(a+4)(a-4)$

$\sqrt{x^2}=x \quad \sqrt{m^2}=m$ (7) $x^2-m^2=(x+m)(x-m)$

$\sqrt{25}=5 \quad \sqrt{c^2}=c$ (8) $25-c^2=(5+c)(5-c)$