Factoring – Perfect Squares

Solutions

1. $(x+2a)^2$ or $(-x-2a)^2$

2. $(5k+1)^2$ or $(-5k-1)^2$

3. $(2a-2b)^2$ or $(-2a+2b)^2$

4. $(2xy+2)^2$ or $(-2xy-2)^2$

5. $(2xy-2)^2$ or $(-2xy+2)^2$

6. $(ab-11)^2$ or $(-ab+11)^2$

7. $(6xyz^2+2x)^2$ or $(-6xyz^2-2x)^2$

8. $\left(\frac{x}{2}+y\right)^2$ or $\left(-\frac{x}{2}-y\right)^2$

9. $[(x-1)+(x+2)]^2=(2x+1)^2$ or
$[-(x-1)-(x+2)]^2=(-2x-1)^2$

10. $[-(x-3)+x]^2=(3)^2=9$ or
$[(x-3)-x]^2=(-3)^2=9$