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11. a) $(x+5)^2$ b) $(x-7)^2$
c) $(2x+3y)^2$ d) $(5x-2y)^2$
e) $(3x^2-5)^2$ f) $(5x^2+3y^3)^2$
g) $\left(x-\frac{1}{2}\right)^2$ h) $\left(\frac{3}{4}x+\frac{2}{3}\right)^2$
12. a) $6x \neq 2 \times \sqrt{4x^2} \times \sqrt{9}$ b) The last term cannot be negative.
 $6x \neq 12x$
c) The first term cannot be negative. d) $-15x \neq 2 \times \sqrt{9x^2} \times \sqrt{25}$
 $-15x \neq -30x$
13. a) $6x, (x+3)^2$ b) $12x, (2x-3)^2$
c) $25, (3x+5)^2$ d) $25x^2, (5x+2)^2$
e) $49, (3x+5)^2$ f) $9x^2, (3x-1)^2$
g) $\frac{1}{9}, \left(x+\frac{1}{3}\right)^2$ h) $7x, \left(x-\frac{7}{2}\right)^2$