

LESSON 5-3

Practice and Problem Solving: A/B

- $x^2 + 4x + 4$
- $m^2 + 8m + 16$
- $9 + 6a + a^2$
- $4x^2 + 20x + 25$
- $64 - 16y + y^2$
- $a^2 - 20a + 100$
- $b^2 - 6b + 9$
- $9x^2 - 42x + 49$
- $36 - 36n + 9n^2$
- $x^2 - 9$
- $64 - y^2$
- $x^2 - 36$
- $25x^2 - 4$
- $16 - 4y^2$
- $100x^2 - 49y^2$
- a. $36 - x^2$
b. $4 - x^2$
c. 32
- a. $16 - x^2$
b. 20

Practice and Problem Solving: C

- $9x^2 + 6x + 1$
- $25m^2 + 5m + 0.25$
- $49 + 28a + 4a^2$
- $4x^2 + 12xy + 9y^2$
- $4a^4 + 36a^2b + 81b^2$
- $25a^4 + 40a^2b^2 + 16b^4$
- $(y^4) - \left(\frac{1}{2}\right)(y^2) + \left(\frac{1}{16}\right)$
- $\frac{1}{4} - y^2$
- $\frac{1}{4}a^6 - 3a^3 + 9$
- $x^2 - 0.36$
- $9(x^6) - 42(x^3) + 49$
- $x^2 - 0.0625$
- $a^4b^2 - a^2b^2$
- $0.64x^4 - y^4$
- $16x^6y^2 - 25x^2$
- a. $30\frac{1}{4} - x^2$
b. $10\frac{9}{16} - x^2$
c. $19\frac{11}{16}$
- $x - 3.5$