

Answer Key for Practice Worksheet for Lesson 3-6

- 1) 256, 1024
- 2) 13, 21
- 3) $1/81$, $1/243$
- 4) 25, 36
- 5) 17, 23
- 6) 40, 52
- 7) 15, 4
- 8) $-1/4$, $1/8$
- 9) inductive
- 10) inductive
- 11) deductive
- 12) Polygon G has 7 sides
- 13) no conclusion
- 14) no; deductively
- 15) $1234 \times 9 + 5 = 11111$
- 16) $9999^2 = 99980001$
- 17) a) 13, 17, 23, 31, 41, 53, 67
83, 101
b) prime #
c) 121, 143 not prime
- 18) 16 regions