SERIES · GRADE 11

# Series · Grade 11

Name _____ Date _____ Score _____ / 6

**01** Find the sum of the first 8 terms: 14, 42, 126, … (geometric, r = 3) =

Answer: _____

**02** Find the sum of the first 7 terms: 14, 19, 24, … (arithmetic, d = 5) =

Answer: _____

**03** Find the sum of the first 6 terms: 14, 19, 24, … (arithmetic, d = 5) =

Answer: _____

**04** Find the sum of the first 8 terms: 7, 15, 23, … (arithmetic, d = 8) =

Answer: _____

**05** Find the sum of the first 7 terms: 9, 27, 81, … (geometric, r = 3) =

Answer: _____

**06** Find the sum of the first 8 terms: 12, 36, 108, … (geometric, r = 3) =

Answer: _____

SERIES · GRADE 11

# Series · Grade 11 (Answer Key)

01 Find the sum of the first 8 terms: 14, 42, 126, … (geometric, r = 3) =

**45920**

02 Find the sum of the first 7 terms: 14, 19, 24, … (arithmetic, d = 5) =

**203**

03 Find the sum of the first 6 terms: 14, 19, 24, … (arithmetic, d = 5) =

**159**

04 Find the sum of the first 8 terms: 7, 15, 23, … (arithmetic, d = 8) =

**280**

05 Find the sum of the first 7 terms: 9, 27, 81, … (geometric, r = 3) =

**9837**

06 Find the sum of the first 8 terms: 12, 36, 108, … (geometric, r = 3) =

**39360**