UNIT 18 EXERCISES 1-5

SIMPLYFYING FRACTIONS

2003B   1. Which of the following is the same as

$$\frac{2-4+6-8+10-12+14}{3-6+9-12+15-18+21}?$$

(A) -1 (B) $-\dfrac{2}{3}$ (C) $\dfrac{2}{3}$ (D) 1 (E) $\dfrac{14}{3}$

2008A   4. Which of the following is equal to the product

$$\frac{8}{4} \cdot \frac{12}{8} \cdot \frac{16}{12} \cdots \cdots \frac{4n+4}{4n} \cdots \cdots \frac{2008}{2004}?$$

(A) 251 (B) 502 (C) 1004 (D) 2008 (E) 4016