UNIT 18 EXERCISES 1-5

SIMPLYFYING FRACTIONS

2003B

1. (C) We have

$$\frac{2-4+6-8+10-12+14}{3-6+9-12+15-18+21} = \frac{2(1-2+3-4+5-6+7)}{3(1-2+3-4+5-6+7)} = \frac{2}{3}.$$

2008A

4. **Answer (B):** Because each denominator except the first can be canceled with the previous numerator, the product is $\frac{2008}{4} = 502$.