6-2 Standardized Test Prep

Properties of Parallelograms

Multiple Choice
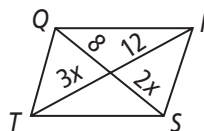
For Exercises 1–5, choose the correct letter.

1. In □ABCD, $m\angle A = 53$. What is $m\angle C$?
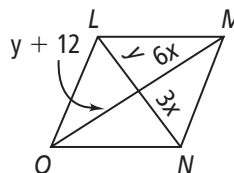
   (A) 37   (B) 53   (C) 127   (D) 307

2. What is the value of x in □QRST?

   (F) 16   (H) 8

   (G) 12   (I) 4

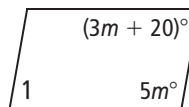3. What is the value of y in □LMNO?

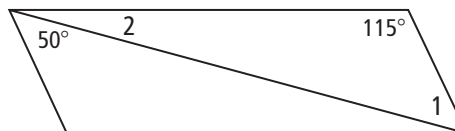   (A) 4   (C) 12

   (B) 6   (D) 24

4. What is $m\angle 1$ in this parallelogram?

   (F) 20   (H) 80

   (G) 60   (I) 100

5. What is $m\angle 2$ in this parallelogram?

   (A) 115   (C) 15

   (B) 50   (D) 2

Extended Response

6. Figure ABCD is a parallelogram. What are four geometric attributes you know because ABCD is a parallelogram?