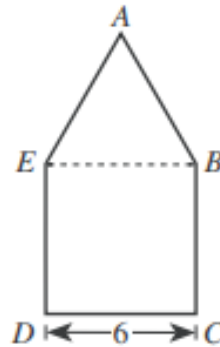


Monday, 3.7

- The figure below is composed of square  $BCDE$  and equilateral triangle  $\triangle ABE$ . The length of  $\overline{CD}$  is 6 inches. What is the perimeter of  $ABCDE$ , in inches?



- A. 18
- B. 24
- C. 30
- D. 42
- E. 45

Tuesday, 3.8

- The expression  $(4z + 3)(z - 2)$  is equivalent to:

- F.  $4z^2 - 5$
- G.  $4z^2 - 6$
- H.  $4z^2 - 3z - 5$
- J.  $4z^2 - 5z - 6$
- K.  $4z^2 + 5z - 6$

Wednesday, 3.9

- If 40% of a given number is 8, then what is 15% of the given number?

- A. 1.2
- B. 1.8
- C. 3.0
- D. 5.0
- E. 6.5

Thursday, 3.10

Janelle cut a board 30 feet long into 2 pieces. The ratio of the lengths of the 2 pieces is 2:3. What is the length, to the nearest foot, of the shorter piece?

- F. 5
- G. 6
- H. 12
- J. 15
- K. 18

Friday, 3.11

What is the smallest integer greater than  $\sqrt{58}$ ?

- A. 4
- B. 7
- C. 8
- D. 10
- E. 30