

## SOLUÇÕES

### PARTE 1

1. 1.1. (C) 1.2.  $\bar{x} = 3,375$

2.  $V_{[BLKLMNO]} = 17\,576 \text{ cm}^3$

3. 364 quadrados

4. 4.1. (D) 4.2.  $A_{[DEFG]} = 31,36 \text{ cm}^2$

5. 5.1.  $E\hat{A}F = 153^\circ$  5.2.  $P_{[ABCDE]} = 30\sqrt{7}$

### PARTE 2

6.  $\frac{5}{4}$

7. (B)

8.  $\frac{46}{15}$

9.  $2,16 \times 10^4$

10. (C)

11.  $S = \left\{0, \frac{4}{3}\right\}$

12. 12.1. 3 12.2.  $g(x) = -\frac{1}{3}x - 2$

13. (A)

14.  $(x, y) = \left(-\frac{1}{2}, 5\right)$

15. 15.1.  $A_{[FGH]} = \frac{7}{4}$  15.2.  $B'(-9, 5)$ .