

## Mathematics, Grade 6

### Session 3, Multiple-Choice Questions

- 25 Ramona wants to take piano lessons. There are five piano teachers in her neighborhood. The prices the teachers charge for a half-hour lesson are: \$8, \$12, \$12, \$15, and \$18. What is the **mean** price for a half-hour lesson?
- A. \$8
  - B. \$10
  - C. \$12
  - D. \$13

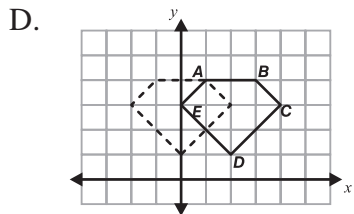
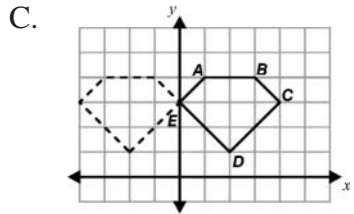
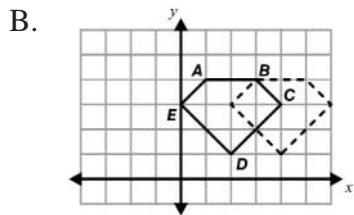
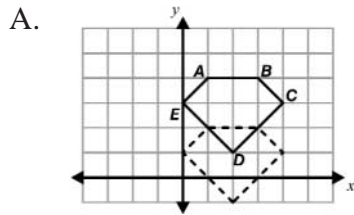
*Reporting Category for Item 25: Data Analysis, Statistics, and Probability (p. 256)*

- 26 A light year is approximately  $6 \times 10^{12}$  miles. What is another way to write this number?
- A. 6,000,000,000,000
  - B. 6,000,000,000
  - C. 600,000,000,000
  - D. 60,000,000,000,000

*Reporting Category for Item 26: Number Sense and Operations (p. 253)*

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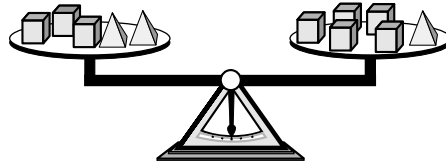
27 Which shows the translation of pentagon  $ABCDE$  two units to the left?



Reporting Category for Item 27: **Geometry** (p. 255)

## Mathematics, Grade 6

Use the picture of the balance scale below to answer question 28.



28 Which sentence is true based on the balance shown by the scale?

- A. The weight of  $\triangle$  is the same as the weight of  $\square \square \square$ .
- B. The weight of  $\triangle \triangle$  is the same as the weight of  $\square$ .
- C. The weight of  $\triangle \triangle \triangle$  is the same as the weight of  $\square$ .
- D. The weight of  $\triangle$  is the same as the weight of  $\square \square$ .

Reporting Category for Item 28: *Patterns, Relations, and Algebra* (p. 254)