

## Mathematics, Grade 8

**33** Of the 12 songs on Ella's new CD, 3 are her favorites. If her CD player chooses one song at random, what is the probability that it will be one of her favorite songs?

A.  $\frac{1}{4}$

B.  $\frac{3}{4}$

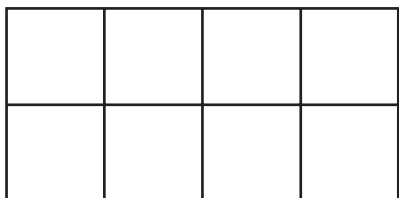
C.  $\frac{1}{3}$

D.  $\frac{2}{3}$

*Reporting Category for Item 33: Data Analysis, Statistics, and Probability (p. 288)*

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Use the figure below to answer question 34.



- 34 The squares in the figure above are congruent. The **perimeter** of the entire figure is 24 units. What is the **area** of one of the **small** squares?
- A. 2 square units
  - B. 4 square units
  - C. 6 square units
  - D. 8 square units

*Reporting Category for Item 34: Measurement (p. 287)*

- 35 Which is the best estimate of the angle between the two hands on a clock at 5:10?
- A.  $45^\circ$
  - B.  $30^\circ$
  - C.  $90^\circ$
  - D.  $60^\circ$

*Reporting Category for Item 35: Geometry (p. 287)*

## Mathematics, Grade 8

- 36 Ricardo drew a rectangle. Which statement **must** be true?
- A. Ricardo's figure is a parallelogram.
  - B. Ricardo's figure is a regular polygon.
  - C. Ricardo's figure is a square.
  - D. Ricardo's figure is a rhombus.

*Reporting Category for Item 36: Geometry (p. 287)*