Sample multiple-choice question: Which three statements can be represented by the expression 24 \div 4?

A. Jake makes 24 muffins. He gives away 4 muffins.
B. Colin has 24 toy trucks. He sorts them into groups of 4 trucks each.
C. Amira has 24 trading cards. She puts them into piles containing 4 cards each.
D. Rosemary puts 24 stickers in each book. She uses enough stickers to fill 4 books.
E. Steven fills a new bookshelf with 24 books. He puts the same number of books on each of the 4 shelves.

Sample multiple-choice question: Which expression is equivalent to 6 \times 2/3?

A. 12 \times 1/2
B. 12 \times 1/3
C. 6 \times 1/3
D. 3 \times 2/3

Sample multiple-choice question: Which explanation about figures is correct?

A. All rhombuses are parallelograms. Parallelograms have 2 pairs of parallel sides. Therefore, all rhombuses have 2 pairs of parallel sides.
B. All rhombuses are parallelograms. Parallelograms have exactly 1 pair of parallel sides. Therefore, all rhombuses have exactly 1 pair of parallel sides.
C. Only some rhombuses are parallelograms. Parallelograms have 2 pairs of parallel sides. Therefore, only some rhombuses have 2 pairs of parallel sides.
D. Only some rhombuses are parallelograms. Parallelograms have exactly 1 pair of parallel sides. Therefore, only some rhombuses have exactly 1 pair of parallel sides.

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