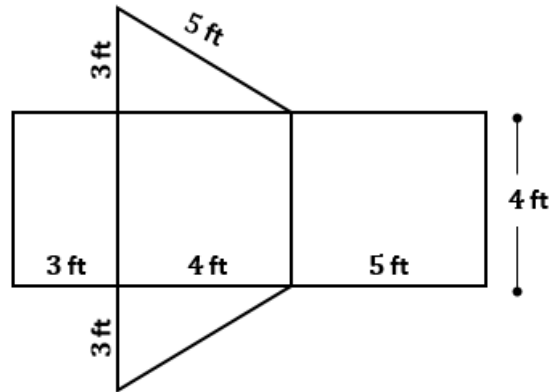*Assessments will contain multiple choice, multiple select, and technology-enhanced items.*

Multiple Choice

1. **Consider the net of the triangular prism.**

    What is the surface area of the net?

    A   40 square feet

    B   60 square feet

    C   63 square feet

    D   72 square feet

2. **A chef has $\frac{5}{6}$ pound of ground beef to make hamburgers. How many $\frac{1}{4}$-pound hamburgers can the chef make?**

    A $3\frac{2}{3}$ hamburgers

    B $3\frac{1}{3}$ hamburgers

    C $2\frac{2}{3}$ hamburgers

    D $2\frac{1}{3}$ hamburgers

3. Which statement about the expression $7x - 2x - 4x$ is true?

    A   It is always equivalent to x because when you combine the like terms, you get x.

    B   It is always equivalent to $3x$ because when you combine the like terms, you get $3x$.

    C   It is always equivalent to $5x$ because when you add the coefficients, you get $5x$.

    D   It is always equivalent to $13x$ because when you add the coefficients, you get $13x$.

4. A zoologist asks the zoo manager how many employees came to work yesterday. Which statement about the zoologist's question is true?

    A   The zoologist's question is a statistical question because there are a specific number of employees that came to work yesterday.

    B   The zoologist's question is a statistical question because there is variability in the number of employees that could have come to work yesterday.

    C   The zoologist's question is not a statistical question because there are a specific number of employees that came to work yesterday.

    D   The zoologist's question is not a statistical question because there is variability in the number of employees that could have come to work yesterday.

Multiple Select

5. Which ratios can be represented by a ratio of 5 to 13? Select *ALL* that apply.

    A   the ratio of adult birds to total birds if there are 5 adult birds and 13 total birds

    B   the ratio of books to laptops if there are 5 laptops and 13 books

    C   the ratio of shirts to pants if there are 5 shirts and 13 pants

    D   the ratio of small frames to big frames if there are 5 big frames and 13 small frames

    E   the ratio of yellow fish to total fish if there are 5 blue fish and 13 yellow fish