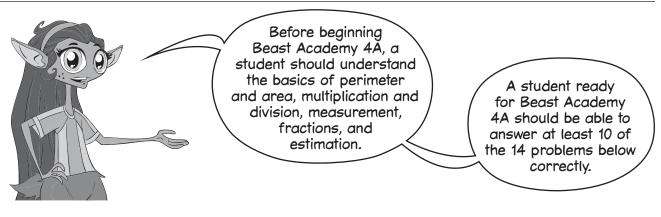


Are you ready for Beast Academy 4A?



Step 1. The student should try to answer every question without a calculator and without help.Step 2. Check the student's answers using the solutions at the end of this document.Step 3. The student should be given a second chance on problems that he or she answered incorrectly.

Compute.

1. 27×6=_____

2. 199×80 = _____

Area:

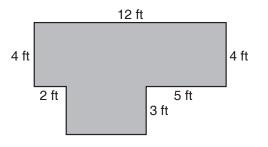
7._____

8.

Compute the quotient and remainder for each division expression.

- 3.
 65÷11
 3. Quotient: _____ Remainder: _____

 4.
 196÷9
 4. Quotient: _____ Remainder: _____
- **5.** A regular hexagon has a perimeter of 108 inches and side length n inches. What is the value of n?
- 6. Find the perimeter and area of the rectilinear figure below. 6. Perimeter:



- 7. How many square feet are there in 2 square yards?
- 8. Compute $(85 \times 85) (84 \times 84)$.

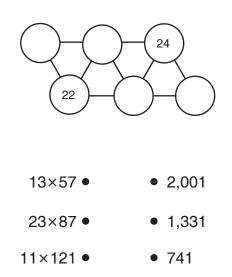


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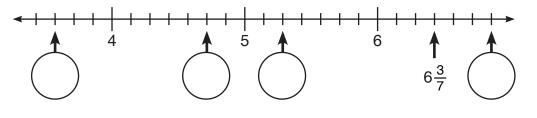
9. Place each of the four numbers below in one of the empty circles in the diagram on the right so that no two connected circles have a sum that has remainder 0 when divided by 5.

Missing Numbers: 26, 27, 28, 29

10. Connect each expression on the left to an equal value on the right by estimating the value of each product.



11. Label each value on the number line below with a mixed number in simplest form.



- **12.** The fraction $\frac{25}{9}$ is closest to which whole number? **12.**
- **13.** Use the given fractions to label the three unlabled points on the number line below:

