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Grade 4, Unit 6, Section D: Additional Practice Problems

1. Diego has 280 apples in 8 boxes with an equal number of apples in each box. Tyler has 570 apples in 15 boxes with an equal number of apples in each box. How many more apples does each of Tyler's boxes contain than those of Diego's?

a. Which expression matches the problem?

A. $(280 \div 8) - (570 \div 15)$

B. $(280 \times 8) - (570 \times 15)$

C. $(570 \div 15) - (280 \div 8)$

D. $(570 \times 15) - (280 \times 8)$

b. What is the solution?

_____ apples

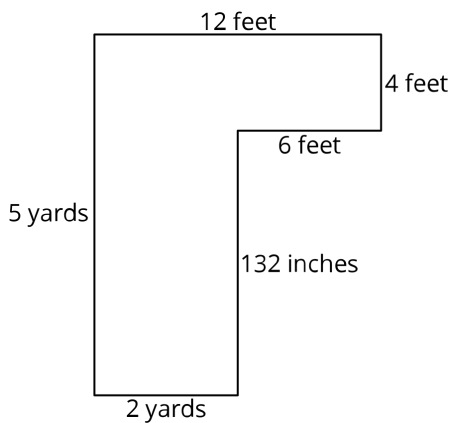
(From Unit 6, Lesson 21.)

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2. Clare draws the sketch of a lawn.



a. How many square feet of sod will be needed to cover the lawn?

_____ square feet

b. What is the perimeter of the lawn?

_____ feet

(From Unit 6, Lesson 22.)

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3. The table shows how many beads each of four friends has in total and the number of beads each friend uses to make one bracelet. Each friend made as many bracelets as possible with their beads.

Friend	Number of Beads	Number of Beads in Each Bracelet
Jada	688	16
Noah	748	17
Kiran	624	13
Priya	552	12

Based on the table, which statements are true?

Select **all** that apply.

- A. Noah makes the greatest number of bracelets.
- B. Kiran makes the greatest number of bracelets.
- C. Jada makes 3 fewer bracelets than Priya.
- D. Noah makes 2 more bracelets than Kiran.
- E. All four friends make a total of 181 bracelets.

(From Unit 6, lesson 23.)

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4. The table shows the number of coffee cups of different sizes a factory shipped to different cities last month.

Size of Coffee Cup	Number of Coffee Cups Shipped
Small	88,730
Medium	128,350
Large	108,975

- a. Elena estimates the factory shipped about twice as many small and medium cups as large ones. Is that a good estimate?
- A. Yes
- B. No, it is too high.
- C. No, it is too low.
- b. How many more small and medium cups are shipped than large ones?

(From Unit 6, Lesson 24.)

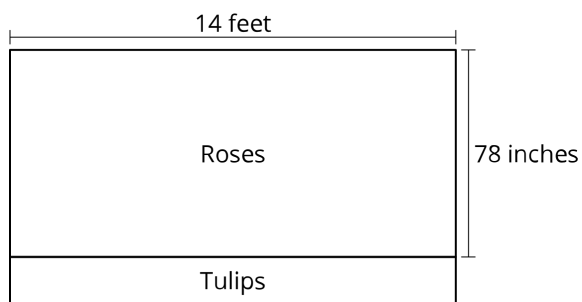
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5. EXPLORATION

Mai plants roses and tulips in a 14-foot-long rectangular flower bed as shown.



The area where roses are planted in the flower bed is 4 times the area where tulips are planted. Each linear foot of fence costs \$8. How much will it cost to fence the outside of the entire flower bed?