FIRST OPEN-ENDED ITEM

A.2

26. A builder plans to build 34 new homes.

   - 20 of the new homes will each have 14 windows and 2 doors.
   - 14 of the new homes will each have 18 windows and 3 doors.

A. What is the total number of windows **and** the total number of doors that will be needed for all the new homes? Show all your work.

B. The windows will be shipped in boxes of 2 windows each. How many boxes of windows must be shipped for the new homes? Show all your work. Explain why you did each step.

GO TO THE NEXT PAGE TO FINISH THE QUESTION.

26. *Continued.* Please refer to the previous page for task explanation.

> C. The truck that delivers the doors to the building site can hold **at most** 9 doors.
>
> What is the **least** number of trips the truck must make to the building site to deliver all the doors? Show all your work. Explain why you did each step.

SECOND OPEN-ENDED ITEM
E.1

27. A carnival has 3 rides for children.

> A. The table below shows the number of children who went on each ride during its first 3 runs of the day.
>
> Complete the table to show the total number of children who went on each ride during its first 3 runs of the day.

Number of Children

Rides	1st Run	2nd Run	3rd Run	Total Number of Children
Laser Fire	8	7	5	
Canyon Trip	4	7	4	
Flash Back	9	9	6	

GO TO THE NEXT PAGE TO FINISH THE QUESTION.

27. *Continued.* Please refer to the previous page for task explanation.

B. Using your answer from **part A**, draw a bar graph that shows the total number of children who went on each ride during its first 3 runs of the day.

Be sure to:

- title the graph.
- label both axes.

Laser Fire   Canyon Trip   Flash Back