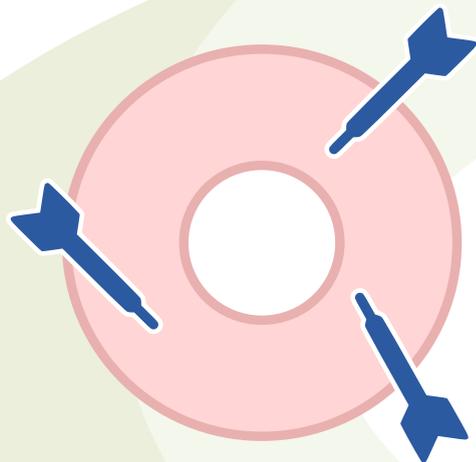


Preschool Monthly Problem

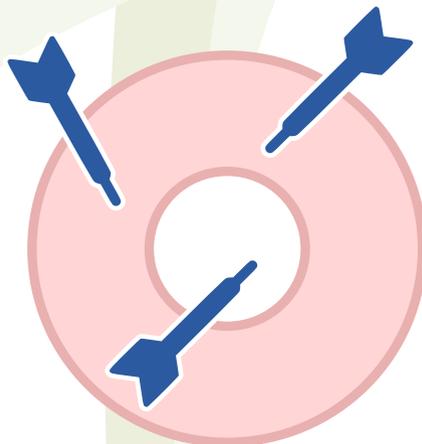
Target Shot



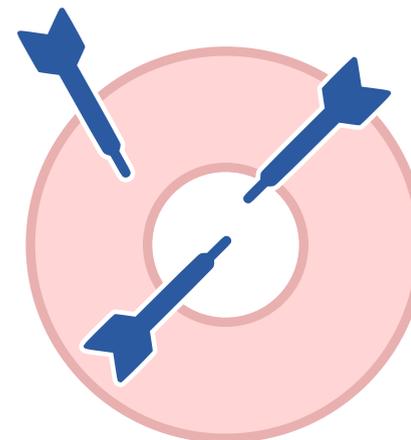
Mary, Nancy and Olga each throw three darts and the darts land in the indicated regions.



Mary
9 points



Nancy
10 points



Olga

Find out what Olga's score was!

Primary Monthly Problem

The Animal Album



James, Jane and Julius are filling the animal album.

James and Jane have 30 cards together.

James says to Jane, **"If you give me three of your cards, we'll both have the same number."**

Julius says to James, **"If I give you four of my cards, we will both have the same number."**

How many cards does Julius have?

How many cards do the three of them have together?

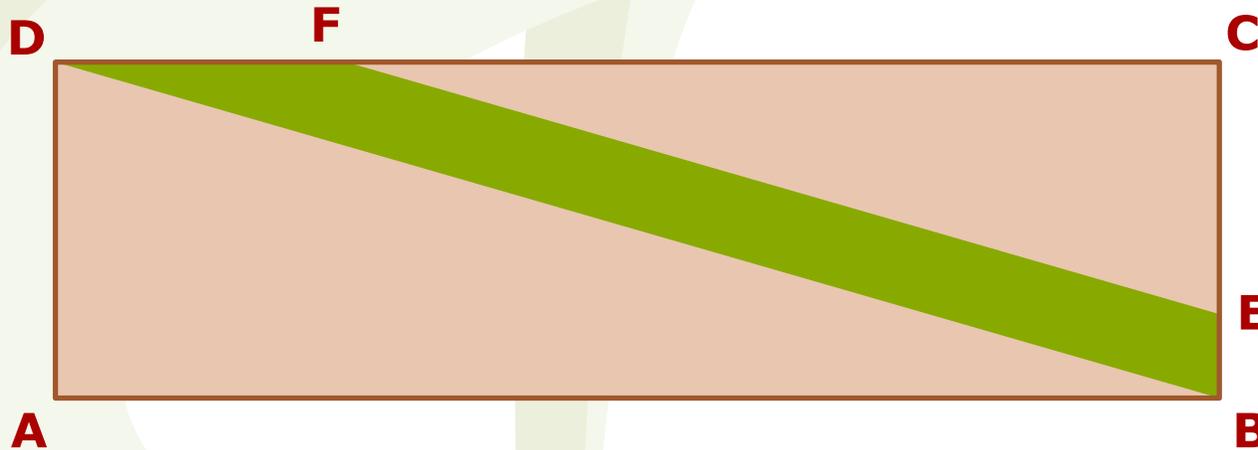


Secondary Monthly Problem

Path



In a rectangular plot of $96 \text{ m} \times 28 \text{ m}$, a path of constant width has been laid out.



If $BE = 7 \text{ cm}$, determine:

- the width of the path;
- the length of \overline{DF} ;
- the perimeter of $\triangle ECF$;
- the length of the diagonal of rectangle $ABCD$.