

Reading Contest

Advanced HW

SHOW ME THE WAY

Margaret, Betty, Chalondra, and Pete all entered the class' reading contest. Together, they read 96 pages.

- Pete read $\frac{3}{12}$ the total pages.
- Betty read 12 fewer pages than Pete.
- Chalondra read 18 more pages than Pete.
- Margaret read 6 more pages than Betty.

How many pages did each student read?

Pete _____ Chalondra _____
 Betty _____ Margaret _____

Strategic Steps

1 Pete read $\frac{3}{12}$ of the total pages. To find the number of pages that he read, you need to multiply $\frac{3}{12}$ by 96.

$$\frac{3}{12} \times 96 = \text{_____} \text{ (pages that Pete read)}$$

2 To find the number of pages that Betty read, you take the number of pages that Pete read and then subtract 12 pages.

$$\text{_____} \text{ (pages that Pete read)} - 12 = \text{_____} \text{ (pages that Betty read)}$$

3 Chalondra read 18 more pages than Pete.

$$\text{_____} \text{ (pages that Pete read)} + 18 = \text{_____} \text{ (pages that Chalondra read)}$$

4 Margaret read 6 more pages than Betty.

$$\text{_____} \text{ (pages that Betty read)} + 6 = \text{_____} \text{ (pages that Margaret read)}$$

5 To check your work, add up the pages that all the students read. The answer should be 96.

Basketball Game

The Monarchs made 112 points in the final basketball game of the season.

- Jethro made $\frac{5}{8}$ of those points.
- Peter made 58 points less than Jethro.
- Jack made half as many points as Peter.
- Max made $\frac{1}{8}$ of the points.
- Forrest made 4 more points than Jack.

How many points did each boy score?

Jethro _____

Peter _____

Jack _____

Max _____

Forrest _____

