MISSING VALUES

Find A, B, C, and D given the following facts.

None of the values is negative.

None of the letters is equal to 0.

$$A + D + D = 26$$

$$A + B + C = 17$$

$$A + B + B + C = 22$$

$$A + A + B + B = 18$$

$$\mathbf{A} = \underline{}$$

$$\mathbf{B} = \underline{\hspace{1cm}}$$

$$\mathbf{C} = \underline{\hspace{1cm}}$$

$$\mathbf{D} = \underline{\hspace{1cm}}$$

$$\mathbf{E} = \underline{\hspace{1cm}}$$