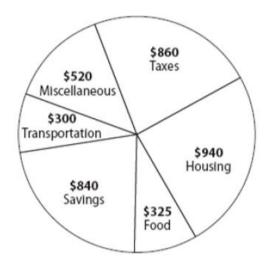## Possible Solutions

The Anderson's monthly family budget is given in the circle graph below.

Approximately what percentage of the Anderson's monthly budget is spent on transportation?

Possible Solution 1

1. Find the total amount of money available for the month.

$$520 + 860 + 940 + 325 + 840 + 300 = 3{,}785$$

2. Determine the percent allocated for transportation out of the total available funds.

$$\frac{300}{3785} = \frac{\%}{100}$$

$$30000 = 3785\,x$$

$$\frac{30000}{3785} = \frac{3785\,x}{3785}$$

$$x = 8\ \%$$

Possible Solution 2

1. Find the total amount of money available for the month.

   520 + 860 + 940 + 325 + 840 + 300 = 3,785

0	300	times about 12.5	3,785

0 %	? %	? times about 12.5	100 %

2. About 300 x 12.5 = 3,785

3. Therefore, about 8% x 12.5 = 100%