## UNIT RATE QUESTIONS:

1. Aleigha has $\$ 4.85$ made up of dimes and quarters. If there are 32 coins in all, how many dimes does he have?
2. On a particular evening, there are four times as many seniors at a movie as adults. Adult tickets cost $\$ 10$ and senior tickets cost $\$ 8$. If ticket sales are $\$ 1554$, how many adults and how many seniors go to the movie?
3. On a particular evening, a total of 187 people go to a theatre performance. Adult tickets cost $\$ 12$ and senior tickets cost $\$ 10$. If ticket sales are $\$ 2156$, how many adults and how many seniors go to the theatre?
4. A grocery store is making up a mixture of chocolate covered almonds and M\&M's that costs $\$ 8 / \mathrm{kg}$. If the chocolate covered almonds cost $\$ 13 / \mathrm{kg}$ and the M\&M's cost $\$ 7 / \mathrm{kg}$, how much of each kind are needed to make up a 9 kg mixture?

## NUMBER QUESTIONS:

5. Find three consecutive numbers whose sum is $\mathbf{- 2 1 9}$.
6. Maeve is three times as old as Andrew. In five years, the sum of their ages will be thirty-eight. How old are they today?
7. The length of a rectangle is 3 cm longer than its width. The perimeter of the rectangle is 82 cm . How wide is the rectangle? (Recall: the Perimeter of a rectangle is twice the width plus twice the length).

