

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/kg. If the chocolate covered almonds cost \$13/kg and the M&M's cost \$7/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 -219.
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 3cm 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).