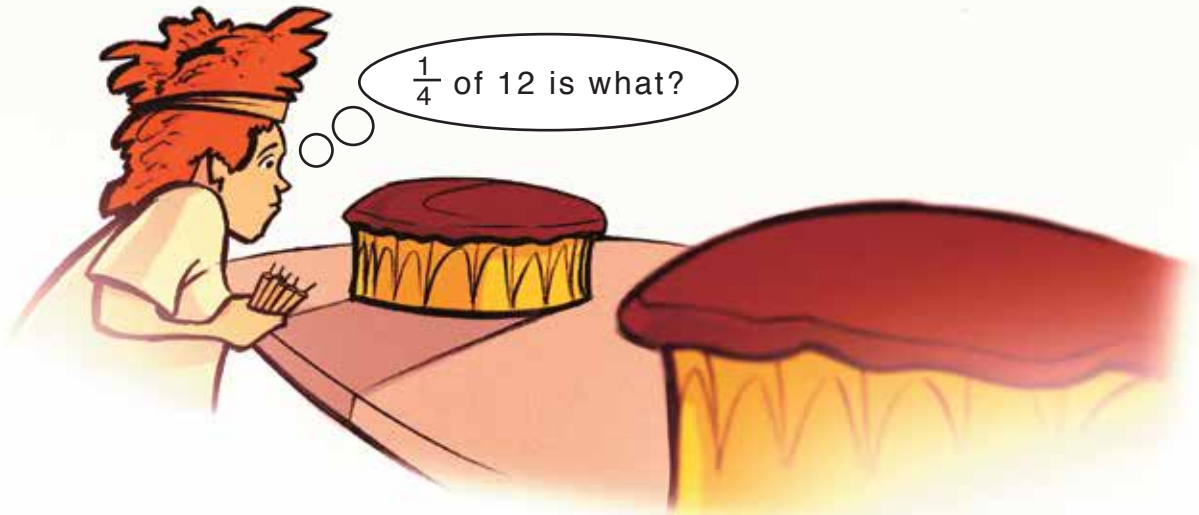


# Piece of Cake

## ACTIVITY

At Betty's Bakery, they make birthday cakes. Betty always places the candles so that each person at the party gets the same number of candles on their share of the cake.

1. Jake has invited three friends to his 12th birthday party. Each person at the party gets one-quarter of the cake. How many candles should they get?



2. Betty has five cakes to decorate.
  - a. Draw pictures to show how many candles should be on each piece of the cake for:
    - i. six people altogether at Sally's 18th birthday party
    - ii. seven people altogether at Jonah's 21st birthday party
    - iii. 12 people altogether at Mrs Murphy's 60th birthday party
    - iv. five people altogether at Paul's 25th birthday party
    - v. 10 people altogether at Mr Scobie's 100th birthday party.
  - b. Write a fraction sentence for the number of candles each person receives. For example,  $\frac{1}{2}$  of 16 = 8.
3.
  - a. What fraction of each cake below has been eaten?
  - b. How many candles are missing?

