## A Day at the Fair

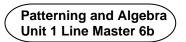
Darius is going to a fair for "Toonie Tuesday".

They will pay \$8 admission plus \$2 for each midway ride they take.

- 1. The expression 8 + 2n shows how much Darius will pay that day.
  - a) What does the variable *n* represent?
  - b) What does the coefficient 2 represent?
  - c) What does the constant 8 represent?
- 2. Complete the table below.

Number of rides	Total cost (\$)
0	
1	
2	
3	

Date\_



## A Day at the Fair (cont'd)

3. Suppose Darius goes on 7 rides.How much will they pay?How did you determine your answer.

- 4. Darius has a maximum of \$30 to spend on admission and rides.
  - a) Write an equation to represent this situation.

b) How could you determine how many rides Darius could take?