

Identify the parameters in the following equations

1. $f(x) = 7x + 5$

7 and 5

2. $f(x) = -\frac{3}{2}x + 2$

 $-\frac{3}{2}$ and 2

3. $f(x) = -2x - 10$

-2 and -10

For problems 4 & 5, identify the parameters in the problem. Then, write a function using the parameters.

4. You join a gym. The monthly membership fee is \$10 and the rate per hour is \$2.

parameters: 2 and 10

$$P(h) = 2h + 10$$

5. Claire subscribes to a movie rental program. She pays a monthly fee of \$5.00, plus \$1.25 for each movie rented.

parameters: 5 and 1.25

$$C(m) = 1.25m + 5$$

6. Max is picking apples with his brother. The number of apples in his bag is described by
- $f(x) = 18x + 15$
- , where
- x
- is the number of minutes Max spends picking apples. What do the numbers 18 and 15 tell you about Max's apple picking?

he picks 18 apples per minute and already has 15 apples in his basket.