

Writing expressions with unknown numbers from word problems

## Connect

4 more than 6 times a number

**I do**

To attend the fair, it costs Mya's family \$4 for parking, plus each of her 6 family members must buy a ticket to enter. Write an expression that shows how much it will cost the family to go to the fair.

### **We do**

To train for a race, Lenny is going to run 5 laps around the perimeter of his town. The town is rectangular. It is 1.7 miles long, and he doesn't know how wide it is. Write an expression that will show how far Lenny will run.

**You do together  
on whiteboard**

To ride in a taxi, it costs \$1.75 to start the ride, plus \$2.25 per mile.

**Write an expression that shows** how much it costs to ride in the taxi for an unknown number of miles.

**You do alone on  
index card**

For her birthday, Claudia's grandmother always gives her money based on how old she is. Her grandmother divides her new age by 2, then adds \$10 to that number, and that's how much money she gives her.

**Write an expression that shows** how much money Claudia gets from her grandmother at any unknown age.