

Lesson 15: Riddles

- Let's use what we know about adding and subtracting to solve and write riddles about people's ages.

Warm-up: Notice and Wonder: Birthday Candles

What do you notice? What do you wonder?



15.1: Kiran's Age Riddles

Solve Kiran's age riddles. Show your thinking. Use a number line if it helps.

1. I'm 7. My sister is 5 years older than I am. How old is she?

_____ years old

2. If you add 27 years to my sister's age, you get my mom's age. How old is my mom?

_____ years old

3. My brother is 24 years younger than my mom. How old is my brother?

_____ years old

4. My grandma is 53 years older than my brother. How old is my grandma?

_____ years old

5. My uncle is 21 years younger than my grandma. How old is my uncle?

_____ years old

6. My uncle is 33 years older than my cousin. How old is my cousin?

_____ years old

7. There is a 50 year difference between my grandpa's age and my cousin's age. How old is my grandpa?

_____ years old

15.2: Write Riddles

1. Complete the table by writing down 4 people you know with different ages.

person's first name	age (years)

2. Come up with 3 mathematical questions to ask your partner.

Question 1:

Question 2:

Question 3:

3. Solve your partner's riddles. Show your thinking using a number line or equation.