

Math Challenge #7



First Name: _____ Last Name: _____

Grade: _____ Teacher: _____ Parent's email: _____

How old are you?

This challenge is about age. Turn your answers in by _____.

Kinder & First Grade: Solve at least 3 problems.

Second & Third Grade: Solve at least 6 problems.

Fourth & Fifth Grade: Solve at least 10 problems.

1. I am 3 years younger than my sister. My sister is 11 years old. How old am I?

Answer:

2. My sister is twice as old as I am. She is 14 years old. How old am I?

Answer:

3.  I am the youngest of three children. Each of us is 3 years in age apart from our sibling closest in age. My oldest sibling is 12 years old. How old am I?

Answer:

4. I am the oldest of 4 children. Each of us is 2 years in age apart from our sibling closest in age. If my youngest sibling is 2 year old, how old am I?



Answer:

5. My oldest sister is 17 years old. In three years, I will be half the age of my oldest sister. How old am I now?

Answer:

6. Seven years ago my brother was old enough to drive and got his driver's license on the day of his birthday. How old is he now? *Hint: ask your parents how old do you have to be to get a driver's license.*

Answer:

7. This year my sister is old enough to drive me to soccer practice. She just got her driver's license last week. I can't wait until I am old enough to drive. I am exactly 4 years younger than my sister. How old am I?

Answer:

8.  My little brother is 6 years old. In three years, my age will be twice the age of my little brother, how old am I right now?

Answer:

9. The sum of the ages of Al and Bill is 25; the sum of the ages of Al and Carl is 20. If Carl is 12, how old is Bill?

Answer:

10. The sum of the ages of three children is 32. The age of the oldest is twice the age of the youngest. The ages of the two older children differ by 3 years. What is the age of the youngest child? *Hint: make a table.*

Answer:

11. Person A was born on January 15, 1948. Person B was born on January 15, 1962. If both are alive now, in what year was person A twice as old as person B?

Hint: How old is person A when person B is born?



Answer:

12. The sum of the ages of Alice, Betty, and Clara is 29 years. Betty is 4 years older than Alice and Clara is 6 years older than Betty. What is Alice's age? *Hint: make a table.*

Answer:

13. Mr. Gupta was born on January 1, 1980. His daughter, Brittany was born on January 1, 2002. In what year was Mr. Gupta was exactly three times as old as Brittany? *Hint: Make a table*

Answer:

Math Challenge 8 will be available online January 29, 2016 at www.mathinaction.org.