

**Are you smarter than a 5<sup>th</sup> grader?**

Ex. What two numbers add to be 5 but when multiplied your answer is 6?

Ans: 2 and 3 because  $2 + 3 = 5$  and  $2(3) = 6$

- 1) What two numbers add to be 2 but when multiplied your answer is 1?
  
- 2) What two numbers add to be 8 but when multiplied your answer is 15?
  
- 3) What two numbers add to be 14 but when multiplied your answer is 48?
  
- 4) What two numbers add to be  $-4$  but when multiplied your answer is 4?
  
- 5) What two numbers add to be  $-6$  but when multiplied your answer is  $-7$ ?
  
- 6) What two numbers add to be 2 but when multiplied your answer is  $-8$ ?
  
- 7) What two numbers add to be 9 but when multiplied your answer is  $-52$ ?
  
- 8) What two numbers add to be 0 but when multiplied your answer is  $-9$ ?
  
- 9) What two numbers add to be  $-5$  but when multiplied your answer is  $-6$ ?
  
- 10) What two numbers add to be 20 but when multiplied your answer is  $-44$ ?

**\*\*Key Idea:**

- When your product is negative, your addition has the sign of the \_\_\_\_\_ number.
- If your product is positive but your addition is negative, both numbers must be \_\_\_\_\_.



