**Always True, Sometimes True, Never True**

Can you investigate and find out if these are always true, sometimes true or never true? Do not forget to show your working.

1. **The sum of 3 odd numbers is odd.**
2. **Half way between any 2 multiples of 10 is a multiple of 5.**
3. **Any odd number is double a number add 1.**
4. **A number is not a multiple of 5 if it does not end in 5 or 0.**
5. **A multiple of 6 is also a multiple of 3.**
6. **If you add and odd and even number together, the answer is always even.**
7. **If you times and whole number by 10, the answer will end in a zero.**
8. **Every multiple of 6 is twice a multiple of 2.**
9. **If you add together the digits in any multiple of 9, the answer will be 9.**
10. **Multiples of 4 always end in 2, 4, 6 or 8**

**Extension – Can you make up some of your own number statements for a partner to investigate, based on multiples or odd/even numbers?**