**Instructions**

1. Choose a statement to investigate.
2. Copy it into your book.
3. Try some examples until you have decided whether the statement is true or false.
4. Write a sentence or two explaining how you know.

“If you add two even numbers together, the answer will be even.”

“If you add two odd numbers together, the answer will be odd.”

“If you multiply two even numbers together, the answer will be even.”

“If you subtract an odd number from another odd number, the answer will be odd.”

“If you add three odd numbers together, the answer will be odd.”

“All multiples of two are even.”

“All multiples of three are odd.”

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