



Positive Exponent Calculator

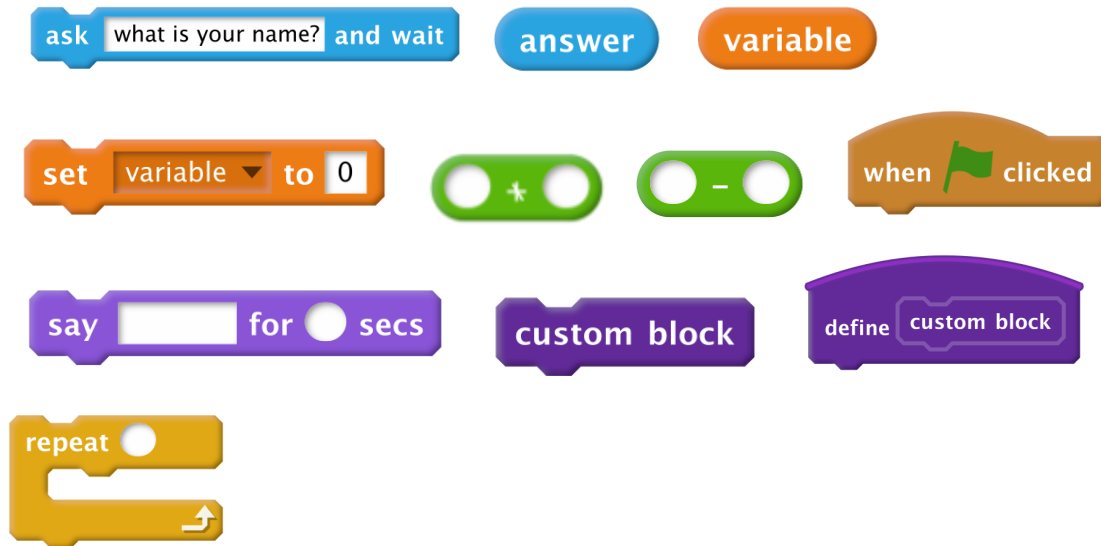
Project Goal:

Calculate any positive exponent given the base and exponent.

Standard: [CCSS.MATH.CONTENT.6.EE.A.1](#)

Write and evaluate numerical expressions involving whole-number exponents.

Blocks:



Student Handout: [Positive Exponent Calculator Student Guide](#)

Teacher Guide: [Step-by-Step Teacher Guide](#)





Solution:

```
when clicked
  set base to 0
  set power to 0
  ask "What's the base?" and wait
  set base to answer
  ask "To what power?" and wait
  set power to answer
  Exponent Function base power
```

```
define Exponent Function base power
  set running_product to 1
  repeat power
    set running_product to running_product * base
  set final_product to running_product
```

