Boolean Programming

This activity focuses on comparison operators and boolean operators in selection statements.
== and != are comparison operators.
AND and OR are boolean operators.
== means "is equal to?" and != means "is not equal to?"

The Book character must meet both conditions in an AND statement and one condition of an OR statement. Each comparison is a boolean and results in either a True or False answer. The left column shows the questions asked in a typical True or False format and great for grades K-3. The right column presents selection and boolean operators and is ideal for grades 3-8.

Daddy

Mommy

Kelia

Shana

Terysa

Mrs. Boxie

Boolean Programming

True or False

I have one ponytail
I wear glasses.
I have purple earrings.

TRUE
FALSE
TRUE

Answer:

Kelia

Boolean

If ponytail != "one" AND earrings != "purple':
hideCharacter()

If hasGlasses == "true": hideCharacter()

True or False

I have a whistle.
I wear a hat.
I have a blue jacket.

TRUE
FALSE
TRUE

Answer:

Boolean

True or False

I'm wearing a red top.
I like polka dots.
I have a notebook.

FALSE
TRUE
TRUE

Answer:

Boolean