

Name:

Date:

Contract Detective: What's the Contract?

Computing in the News

Warm-Up: Prior Knowledge

What do you think a “contract” is in computer science? Use your own words.

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Contract Hunt: Abstract Analysis

Directions

Choose **three** computing innovations from the provided abstracts.

- Underline the **input**, circle the **output**, and bracket the **purpose**.
- Then fill in the reflection table for each abstract using your own words.

Abstract #1:

Title: _____

Input: _____

Output: _____

Purpose: _____

Assumptions or Concerns: _____

Abstract #2:

Title: _____

Input: _____

Output: _____

Purpose: _____

Assumptions or Concerns: _____

Abstract #3:

Title: _____

Input: _____

Output: _____

Purpose: _____

Assumptions or Concerns: _____

Invent a Tool

Come up with a new computing tool that solves a problem or helps someone. Define its contract.

Tool Name or Problem it Solves: _____

Input: _____

Output: _____

Purpose: _____

Who would use it? What could go wrong?

Exit Ticket

Why do computer scientists define contracts before they code?

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