

Operand used as a source (item used in the operation)

- A signed constant in the instruction
- An unsigned constant in the instruction
- The contents of a general-purpose register
- The contents of a memory location

Operand used as a destination (location to hold the result)

- A general-purpose register
- A contiguous pair of general-purpose registers
- A memory location

Figure 7.2 Examples of items an operand can reference in a 3-address processor. A source operand specifies a value and a destination operand specifies a location.