Testing: What? Why? When?

Testing: What?

"Testing goal is basically **comparing actual behavior of the application against expected**."

Do you agree on this definition?

How would **you** define testing goal?

Testing: What?

"The ultimate reason testers exist is **to provide information that others on the project use** to create things of value."

…and that's so much more than just "checking against expected"!

Clarifying what is expected
Detecting blind spots
Questioning things
Organizing and prioritizing
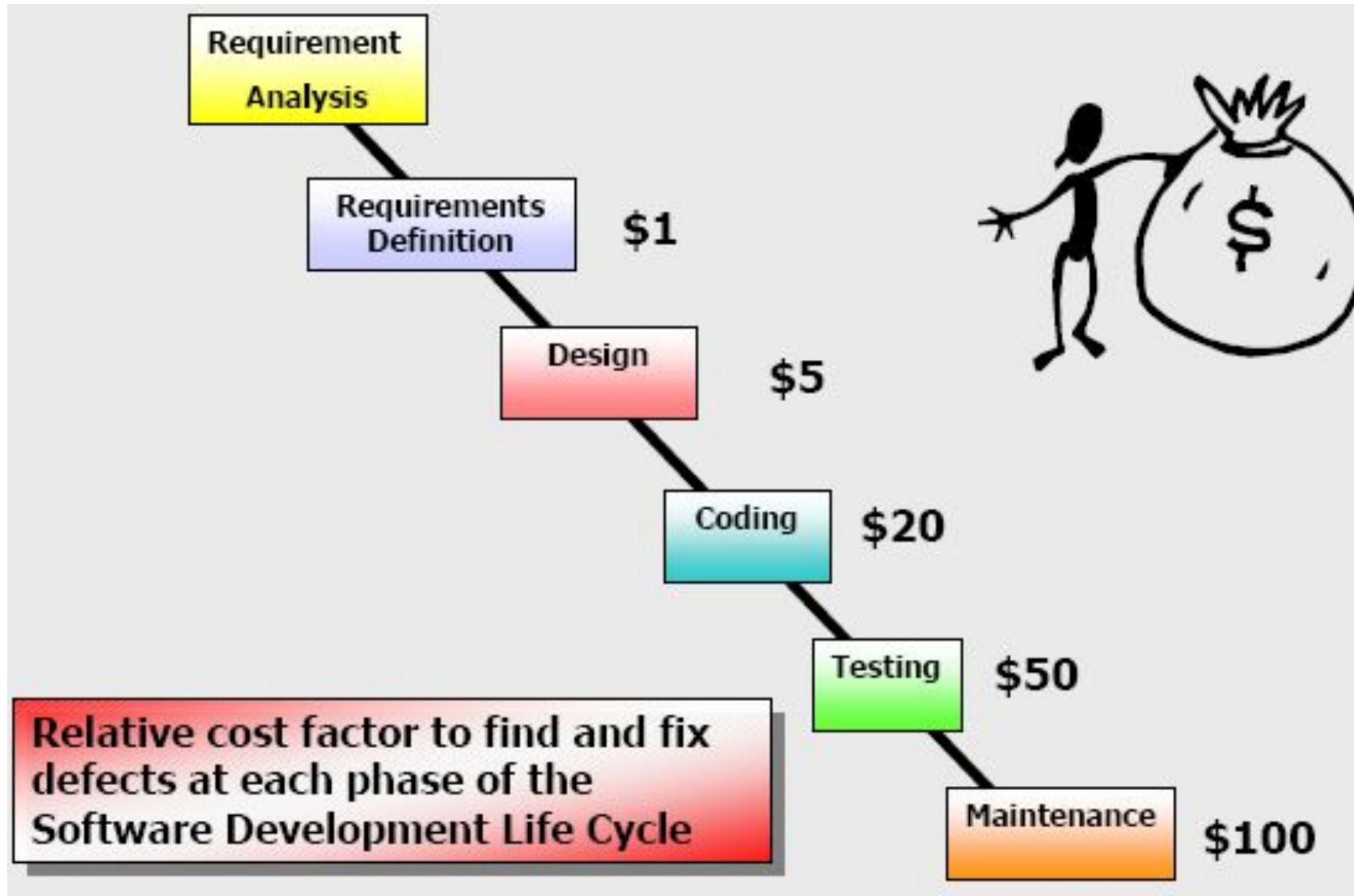Analyzing risks
Assessing quality

Testing: What?

You should realize:

- Software Testing is a **separate complex discipline and profession**;
- It does **require theoretical knowledge** along with practical skills and common sense;

What's special about it:

- Testing **varies a lot depending on the context**;
- There is **no single agreed methodology** that fits everything;

Cost of the Bug

Requirement Analysis

Requirements Definition — $1

Design — $5

Coding — $20

Testing — $50

Maintenance — $100

Relative cost factor to find and fix defects at each phase of the Software Development Life Cycle

Arian 5

Radiation Therapy

To become a great Tester..

✔ Technical Skills

✔ Knowing the Application and Industry

✔ Hyper-sensitivity to Little Things

✔ Being Organized and Tolerant to chaos

✔ People Skills

✔ Skeptical, Curious and Artful

✔ Honest and Firm

+ Diverse Testing Toolset