|  |  |
| --- | --- |
| Analog model | Buildings blueprint, maps |
| Physical model | Car model, |
| Symbolic model | Transportation model |

1. 1. C
   2. D
   3. D
   4. C
   5. C
   6. C
2. T
3. 1. Help test how the model will behave in real world.
   2. Cheap as compared to the use of complex tools and algorithms.
   3. Fast to build , customizable to specific needs.
4. F
5. 1. A $1 investment in a lottery ticket that may return $1,000,000

|  |  |
| --- | --- |
| **Profile** | **outcome** |
| Loss Lottery | $0 |
| Win lottery | $1,000,000 |

* 1. A restaurateur’s estimate of daily patron traffic through a restaurant where she believes there is 30% chance of 25 patrons, 50% chance of 40 patrons, and 20% chance of 75 patrons.

|  |  |  |  |
| --- | --- | --- | --- |
| % prob | 20% | 30% | 50% |
| No. of patron traffic | 75 | 25 | 40 |

* 1. A skydiver’s estimate of success or failure under particularly treacherous weather conditions, where the skydiver has no idea of the outcome (success or failure)

|  |  |
| --- | --- |
| **treacherous weather** | |
| Success | 50% |
| Failure | 50% |