

**Blackline Masters**

|          | <b>A</b>          | <b>B</b>               | <b>C</b>             | <b>D</b>                     | <b>E</b>                 | <b>F</b>             |
|----------|-------------------|------------------------|----------------------|------------------------------|--------------------------|----------------------|
| <b>1</b> | <b>Investment</b> | <b>Amount Invested</b> | <b>Annual Income</b> | <b>0-1 decision variable</b> | <b>Actual Investment</b> | <b>Actual Income</b> |
| <b>2</b> | Fabulous Funds    | 7900                   | 588                  |                              |                          |                      |
| <b>3</b> | Cold Cash         | 3700                   | 294                  |                              |                          |                      |
| <b>4</b> | Dynamite Dollars  | 6900                   | 518                  |                              |                          |                      |
| <b>5</b> | Super Stash       | 4300                   | 285                  |                              |                          |                      |
| <b>6</b> |                   |                        |                      | Is this sum feasible? →      |                          |                      |

**Latisha Develops an Investment Plan**

|    | A                 | B                      | C                    | D                   | E                        | F                    |
|----|-------------------|------------------------|----------------------|---------------------|--------------------------|----------------------|
| 1  | <b>investment</b> | <b>amount invested</b> | <b>annual income</b> | <b>0-1 variable</b> | <b>actual investment</b> | <b>actual income</b> |
| 2  | Fabulous Funds    | 7900                   | 588                  | 1                   | 7900                     | 588                  |
| 3  | Cold Cash         | 3700                   | 294                  | 0                   | 0                        | 0                    |
| 4  | Dynamite Dollars  | 6900                   | 518                  | 1                   | 6900                     | 518                  |
| 5  | Super Stash       | 4300                   | 285                  | 0                   | 0                        | 0                    |
| 6  | 2.3% Savings      | 200                    | 4.60                 |                     | 200                      | 4.60                 |
| 7  |                   |                        |                      |                     | 15000                    | 1110.60              |
| 8  |                   |                        |                      |                     |                          |                      |
| 9  | Savings rate      |                        |                      |                     |                          |                      |
| 10 | 2.3%              |                        |                      |                     |                          |                      |

### **CD Extension**

**Table 1**

|        | free  | back  | breast | fly   |
|--------|-------|-------|--------|-------|
| Smith  | 47.59 | 51.67 | 58.31  | 49.18 |
| Braun  | 47.31 | 51.62 | 58.95  | 49.89 |
| Cisek  | 48.29 | 52.59 | 58.92  | 49.13 |
| Rivera | 48.53 | 53.34 | 59.38  | 50.59 |

**Table 2**

|        | free | back | breast | fly |   |
|--------|------|------|--------|-----|---|
| Smith  | 1    | 0    | 0      | 0   | 1 |
| Braun  | 0    | 1    | 0      | 0   | 1 |
| Cisek  | 0    | 0    | 1      | 0   | 1 |
| Rivera | 0    | 0    | 0      | 1   | 1 |
|        | 1    | 1    | 1      | 1   |   |

**Table 3**

|        | free  | back  | breast | fly   |
|--------|-------|-------|--------|-------|
| Smith  | 47.59 | 0     | 0      | 0     |
| Braun  | 0     | 51.62 | 0      | 0     |
| Cisek  | 0     | 0     | 58.92  | 0     |
| Rivera | 0     | 0     | 0      | 50.59 |

208.7

### Assigning Swimmers to the Medley Relay

**Table 4: Distances from Regions to Schools**

|                 | REGION |     |     |     |     |     |     |     |     |     |     |     |
|-----------------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                 | 1      | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  |
| Adams H.S.      | 1.2    | 1.3 | 2.3 | 3.3 | 1.5 | 1.6 | 2.6 | 3.6 | 2.5 | 2.6 | 3.6 | 4.6 |
| Jefferson H.S.  | 3.1    | 2.1 | 1.1 | 2.2 | 3.3 | 2.3 | 1.2 | 2.2 | 4.3 | 3.3 | 2.2 | 3.2 |
| Madison H.S.    | 4.5    | 3.5 | 2.3 | 3.4 | 3.5 | 2.5 | 1.3 | 2.4 | 3.3 | 2.3 | 1.2 | 2.4 |
| Washington H.S. | 2.4    | 2.5 | 3.5 | 4.5 | 1.4 | 1.5 | 2.5 | 3.5 | 1.5 | 1.4 | 2.4 | 3.4 |

**Table 5: 2.5 Mile Criterion**

|                 | REGION |   |   |   |   |   |   |   |   |    |    |    |
|-----------------|--------|---|---|---|---|---|---|---|---|----|----|----|
|                 | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Adams H.S.      | 1      | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0  | 0  | 0  |
| Jefferson H.S.  | 0      | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0  | 1  | 0  |
| Madison H.S.    | 0      | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1  | 1  | 1  |
| Washington H.S. | 1      | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1  | 1  | 0  |

## Open School Facilities