



# MATHDICE® BLACKOUT

6 TARGET BOARD

## CHALLENGE SET 1

### BASIC - NO POWERS

Allowed Operators  
+ - \*

Targets

Roll 1  
2 3 4

3 18 20 24 27 30

Roll 2  
3 4 6

Roll 1: 2 3 4

Targets Solved:

Roll 2: 3 4 6

| Target | Your Equation | Check Solved             |
|--------|---------------|--------------------------|
| 3      |               | <input type="checkbox"/> |
| 18     |               | <input type="checkbox"/> |
| 20     |               | <input type="checkbox"/> |
| 24     |               | <input type="checkbox"/> |
| 27     |               | <input type="checkbox"/> |
| 30     |               | <input type="checkbox"/> |

|                                  |  |
|----------------------------------|--|
| Roll 1 # Solved:                 |  |
| Roll 2 # Solved:                 |  |
| Total Solved:                    |  |
| Target Number Hit by Both Rolls: |  |

| Target | Your Equation | Check Solved             |
|--------|---------------|--------------------------|
| 3      |               | <input type="checkbox"/> |
| 18     |               | <input type="checkbox"/> |
| 20     |               | <input type="checkbox"/> |
| 24     |               | <input type="checkbox"/> |
| 27     |               | <input type="checkbox"/> |
| 30     |               | <input type="checkbox"/> |

### ADVANCED - YES POWERS

Allowed Operators  
+ - \* / ^

Targets

Roll 1  
3 5 6

2 6 8 10 12 22

Roll 2  
2 3 5

Roll 1: 3 5 6

Targets Solved:

Roll 2: 2 3 5

| Target | Your Equation | Check Solved             |
|--------|---------------|--------------------------|
| 2      |               | <input type="checkbox"/> |
| 6      |               | <input type="checkbox"/> |
| 8      |               | <input type="checkbox"/> |
| 10     |               | <input type="checkbox"/> |
| 12     |               | <input type="checkbox"/> |
| 22     |               | <input type="checkbox"/> |

|                                  |  |
|----------------------------------|--|
| Roll 1 # Solved:                 |  |
| Roll 2 # Solved:                 |  |
| Total Solved:                    |  |
| Target Number Hit by Both Rolls: |  |

| Target | Your Equation | Check Solved             |
|--------|---------------|--------------------------|
| 2      |               | <input type="checkbox"/> |
| 6      |               | <input type="checkbox"/> |
| 8      |               | <input type="checkbox"/> |
| 10     |               | <input type="checkbox"/> |
| 12     |               | <input type="checkbox"/> |
| 22     |               | <input type="checkbox"/> |

Name

Class



# MATHDICE® BLACKOUT

6 TARGET BOARD

## CHALLENGE SET 1 - SOLUTIONS

### BASIC - NO POWERS

Allowed Operators  
+ - \*

Targets

Roll 1  
2 3 4

3 18 20 24 27 30

Roll 2  
3 4 6

Roll 1: 2 3 4

Targets Solved:

Roll 2: 3 4 6

| Target | Your Equation | Check Solved                        |
|--------|---------------|-------------------------------------|
| 3      | $(4 + 2) - 3$ | <input checked="" type="checkbox"/> |
| 18     | $3 * (4 + 2)$ | <input checked="" type="checkbox"/> |
| 20     | $4 * (3 + 2)$ | <input checked="" type="checkbox"/> |
| 24     | $(4 * 3) * 2$ | <input checked="" type="checkbox"/> |
| 27     |               | <input type="checkbox"/>            |
| 30     |               | <input type="checkbox"/>            |

|   |           |
|---|-----------|
| Roll 1 # Solved:                        | 4         |
| Roll 2 # Solved:                        | 3         |
| <b>Total Solved:</b>                    | <b>7</b>  |
| <b>Target Number Hit by Both Rolls:</b> | <b>18</b> |

| Target | Your Equation | Check Solved                        |
|--------|---------------|-------------------------------------|
| 3      |               | <input type="checkbox"/>            |
| 18     | $(4 * 3) + 6$ | <input checked="" type="checkbox"/> |
| 20     |               | <input type="checkbox"/>            |
| 24     |               | <input type="checkbox"/>            |
| 27     | $(6 * 4) + 3$ | <input checked="" type="checkbox"/> |
| 30     | $3 * (6 + 4)$ | <input checked="" type="checkbox"/> |

### ADVANCED - YES POWERS

Allowed Operators  
+ - \* / ^

Targets

Roll 1  
3 5 6

2 6 8 10 12 22

Roll 2  
2 3 5

Roll 1: 3 5 6

Targets Solved:

Roll 2: 2 3 5

| Target | Your Equation | Check Solved                        |
|--------|---------------|-------------------------------------|
| 2      | $(5 + 3) - 6$ | <input checked="" type="checkbox"/> |
| 6      |               | <input type="checkbox"/>            |
| 8      | $(6 + 5) - 3$ | <input checked="" type="checkbox"/> |
| 10     | $(6 * 5) / 3$ | <input checked="" type="checkbox"/> |
| 12     | $6 * (5 - 3)$ | <input checked="" type="checkbox"/> |
| 22     |               | <input type="checkbox"/>            |

|   |           |
|---|-----------|
| Roll 1 # Solved:                        | 4         |
| Roll 2 # Solved:                        | 3         |
| <b>Total Solved:</b>                    | <b>7</b>  |
| <b>Target Number Hit by Both Rolls:</b> | <b>10</b> |

| Target | Your Equation | Check Solved                        |
|--------|---------------|-------------------------------------|
| 2      |               | <input type="checkbox"/>            |
| 6      | $(5 + 3) - 2$ | <input checked="" type="checkbox"/> |
| 8      |               | <input type="checkbox"/>            |
| 10     | $(5 + 3) + 2$ | <input checked="" type="checkbox"/> |
| 12     |               | <input type="checkbox"/>            |
| 22     | $(5 ^ 2) - 3$ | <input checked="" type="checkbox"/> |

Name

Class