



# MATHDICE®

## BLACKOUT

### How To Play

#### Your Goal:

Find the ONE Target Number that CAN BE HIT BY BOTH of the Scoring Number sets (Rolls 1 and 2).

The diagram shows a game board with a 'Targets' section containing numbers 8, 9, 10, 12, 15, and 30. Two rolls of dice are shown: Roll 1 (2, 3, 5) and Roll 2 (3, 5, 6). Callouts show equations:  $(5 * 3) * 2 = 40$  pointing to target 30, and  $(6 + 5) - 3 = 6$  pointing to target 8.

#### To Play:

Use the Scoring Numbers from either Roll 1 or Roll 2 and standard Math Dice rules, hit as many of the Target Numbers as you can. Between each of the Rolls you should be able to hit all the Target Numbers. Write down your solutions on your worksheet as you go.

#### To Win:

One of the Target Numbers can be hit by BOTH ROLLS. Solve for all the Target Numbers, identify the Target that can be hit twice... and YOU WIN!

| Roll 1: 2 3 5 |               |                                     | Targets Solved:                  |   | Roll 2: 3 5 6 |               |                                     |
|---------------|---------------|-------------------------------------|----------------------------------|---|---------------|---------------|-------------------------------------|
| Target        | Your Equation | Check Solved                        | Roll 1 # Solved:                 |   | Target        | Your Equation | Check Solved                        |
| 8             |               | <input type="checkbox"/>            | Roll 1 # Solved:                 | 3 | 8             | $(6 + 5) - 3$ | <input checked="" type="checkbox"/> |
| 9             | $3 * (5 - 2)$ | <input checked="" type="checkbox"/> | Roll 2 # Solved:                 | 4 | 9             | $(5 * 3) - 6$ | <input checked="" type="checkbox"/> |
| 10            | $(5 + 3) + 2$ | <input checked="" type="checkbox"/> | Total Solved:                    | 7 | 10            |               | <input type="checkbox"/>            |
| 12            |               | <input type="checkbox"/>            | Target Number Hit by Both Rolls: | 9 | 12            | $6 * (5 - 3)$ | <input checked="" type="checkbox"/> |
| 15            |               | <input type="checkbox"/>            |                                  |   | 15            | $5 * (6 - 3)$ | <input checked="" type="checkbox"/> |
| 30            | $(5 * 3) * 2$ | <input checked="" type="checkbox"/> |                                  |   | 30            |               | <input type="checkbox"/>            |

I solved 3 from Roll 1 and 4 from Roll 2. So 7 solved total. I hit Target 9 twice.

