Flowchart for a simple yatzy game

Start Game with 5 dice

↓

Roll all dice

↓

Select dice to hold

↓

Roll not hold dice

↓

Rolls left > 0 —No→ Set score → Scoreboard full? —Yes→ Game over

Rolls left > 0 —Yes↓

Set score? —No→ (back to Select dice to hold)

Set score? —Yes→ Scoreboard full?

Scoreboard full? —No→ (back to Roll all dice)