|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Picosat** | | | **SatSolver** | | |
| **Test** | **SAT?** | **totalTime** | **Total number of decisions** | **Propagations per second (megaprops)** | **totalTime** | **Total number of decisions** | **Propagations per second (megaprops)** |
| vars-100-1.cnf | SATISFIABLE | 0.0s | 329 | 3.5 | 0.001272s | 317 | 6.81483 |
| vars-100-2.cnf | SATISFIABLE | 0.0s | 373 | 4.0 | 0.00017s | 46 | 6.83934 |
| vars-100-3.cnf | UNSATISFIABLE | 0.0s | 577 | 4.7 | 0.005093s | 1215 | 6.28372 |
| vars-100-4.cnf | UNSATISFIABLE | 0.0s | 694 | 4.7 | 0.00412s | 1168 | 7.55895 |
| vars-100-5.cnf | SATISFIABLE | 0.0s | 278 | 3.8 | 0.001129s | 278 | 7.57894 |
| vars-100-6.cnf | SATISFIABLE | 0.0s | 666 | 4.1 | 0.011625s | 2116 | 4.94173 |
| vars-100-7.cnf | SATISFIABLE | 0.0s | 168 | 3.2 | 0.001174s | 325 | 7.15894 |
| vars-100-8.cnf | SATISFIABLE | 0.0s | 39 | 0.6 | 0.002298s | 407 | 4.72478 |
| vars-100-9.cnf | UNSATISFIABLE | 0.0s | 428 | 4.8 | 0.002766s | 754 | 7.52347 |
| vars-100-10.cnf | UNSATISFIABLE | 0.0 | 601 | 3.3 | 0.004083s | 1181 | 7.49718 |
| vars-150-1.cnf | SATISFIABLE | 0.0s | 893 | 4.6 | 0.015258s | 12883 | 6.64563 |
| vars-150-2.cnf | SATISFIABLE | 0.0s | 3190 | 4.4 | 0.051219s | 9736 | 6.68951 |
| vars-150-3.cnf | SATISFIABLE | 0.0s | 1563 | 5.2 | 0.050223s | 8831 | 6.31193 |
| vars-150-4.cnf | SATISFIABLE | 0.0s | 1646 | 5 | 0.056548s | 9572 | 6.04478 |
| vars-150-5.cnf | UNSATISFIABLE | 0.0s | 3002 | 4.8 | 0.059949s | 10810 | 6.15461 |
| vars-150-6.cnf | SATISFIABLE | 0.0s | 270 | 3.2 | 0.006875s | 1410 | 7.06575 |
| vars-150-7.cnf | UNSATISFIABLE | 0.0s | 2445 | 4.4 | 0.043504s | 7792 | 6.17403 |
| vars-150-8.cnf | SATISFIABLE | 0.0s | 821 | 4.7 | 0.000245s | 64 | 6.10204 |
| vars-150-9.cnf | SATISFIABLE | 0.0s | 1263 | 4.1 | 0.047126s | 8001 | 6.15376 |
| vars-150-10.cnf | UNSATISFIABLE | 0.0s | 3145 | 4.6 | 0.069399s | 12763 | 6.48766 |
| vars-200-1.cnf | UNSATISFIABLE | 0.2s | 15518 | 3.9 | 0.699836s | 108292 | 6.61977 |
| vars-200-2.cnf | SATISFIABLE | 0.0s | 4558 | 4.6 | 0.028831s | 4502 | 6.40793 |
| vars-200-3.cnf | UNSATISFIABLE | 0.2s | 18580 | 3.9 | 0.5177s | 80423 | 6.53113 |
| vars-200-4.cnf | UNSATISFIABLE | 0.1s | 7299 | 4.5 | 0.228933s | 35167 | 6.35903 |
| vars-200-5.cnf | UNSATISFIABLE | 0.3s | 11554 | 3.9 | 0.41405s | 63287 | 6.41486 |
| vars-200-6.cnf | SATISFIABLE | 0.3s | 25253 | 3.5 | 0.345085s | 54786 | 6.77102 |
| vars-200-7.cnf | UNSATISFIABLE | 0.1s | 26315 | 3.6 | 1.6039s | 236175 | 6.32277 |
| vars-200-8.cnf | SATISFIABLE | 0.1s | 9299 | 4.1 | 0.04032s | 6179 | 6.48214 |
| vars-200-9.cnf | SATISFIABLE | 0.1s | 8293 | 4.2 | 0.211362s | 31020 | 6.26066 |
| vars-200-10.cnf | UNSATISFIABLE | 0.2s | 18609 | 3.8 | 0.598595s | 91999 | 6.50155 |
| vars-250-1.cnf | UNSATISFIABLE | 1.4s | 80183 | 2.9 | 4.41131s | 554892 | 6.03584 |
| vars-250-2.cnf | UNSATISFIABLE | 2.3s | 123065 | 2.5 | 6.52006s | 858067 | 6.41149 |
| vars-250-3.cnf | SATISFIABLE | 0.8s | 55647 | 3.5 | 1.87079s | 244201 | 6.32142 |
| vars-250-4.cnf | SATISFIABLE | 0.3s | 24905 | 3.8 | 2.97689s | 361241 | 5.96821 |
| vars-250-5.cnf | UNSATISFIABLE | 1.7s | 104613 | 3 | 5.09753s | 681425 | 6.50748 |
| vars-250-6.cnf | UNSATISFIABLE | 2.4s | 136808 | 2.9 | 10.1236s | 1402427 | 6.72069 |
| vars-250-7.cnf | SATISFIABLE | 0.8s | 56870 | 3.5 | 0.656954s | 90070 | 6.71554 |
| vars-250-8.cnf | UNSATISFIABLE | 1.4s | 92288 | 3.2 | 6.02836s | 847844 | 6.78288 |
| vars-250-9.cnf | SATISFIABLE | 0.4s | 32426 | 3.8 | 2.23649s | 315316 | 6.81632 |
| vars-250-10.cnf | SATISFIABLE | 0.8s | 50074 | 3.3 | 0.534748s | 61953 | 5.72166 |
| vars-300-1.cnf | SATISFIABLE | 20.5s | 668948 | 1.8 | 1.94446s | 235963 | 6.6363 |
| vars-300-2.cnf | UNSATISFIABLE | 19.2s | 64130 | 1.9 | 58.1433s | 7042871 | 6.63242 |
| vars-300-3.cnf | UNSATISFIABLE | 8.7s | 354511 | 2.3 | 23.7179s | 2907611 | 6.61188 |
| vars-300-4.cnf | UNSATISFIABLE | 12.4s | 479041 | 2.2 | 41.268s | 5021923 | 6.69019 |
| vars-300-5.cnf | SATISFIABLE | 16.3s | 580334 | 2 | 43.3437s | 5293614 | 6.71136 |
| vars-300-6.cnf | UNSATISFIABLE | 6.5s | 294491 | 2.6 | 32.8044s | 4004746 | 6.6741 |
| vars-300-7.cnf | SATISFIABLE | 2.1s | 113743 | 3.1 | 6.73235s | 808016 | 6.76467 |
| vars-300-8.cnf | UNSATISFIABLE | 15.8s | 558417 | 2 | 50.616s | 6117720 | 6.60148 |
| vars-300-9.cnf | SATISFIABLE | 4.8s | 218985 | 2.6 | 10.5871s | 1289323 | 6.62236 |
| vars-300-10.cnf | SATISFIABLE | 5.4s | 261765 | 2.7 | 17.8376s | 2131330 | 6.7186 |