547ad3 48 89 fe mov %rdi,%rsi

547ad6 bf 02 00 00 00 mov $0x2,%edi

547adb e9 f0 fc ff ff jmpq 0x5477d0 <arith\_driver>

5477d0 83 ff 02 cmp $0x2,%edi

5477d3 0f 82 4f 02 00 00 jb 0x547a28 600>

5477d9 41 ba 01 00 00 00 mov $0x1,%r10d

5477df 83 ff 03 cmp $0x3,%edi

5477e2 76 10 jbe 0x5477f4 36>

5477f4 48 85 f6 test %rsi,%rsi

5477f7 0f 8e 7a 02 00 00 jle 0x547a77 679>

5477fd 41 57 push %r15

5477ff 89 f9 mov %edi,%ecx

547801 45 31 ff xor %r15d,%r15d

547804 41 56 push %r14

547806 49 89 d6 mov %rdx,%r14

547809 41 55 push %r13

54780b 49 89 cd mov %rcx,%r13

54780e 41 54 push %r12

547810 49 89 f4 mov %rsi,%r12

547813 55 push %rbp

547814 4c 89 d5 mov %r10,%rbp

547817 53 push %rbx

547818 31 db xor %ebx,%ebx

54781a 48 83 ec 28 sub $0x28, %rsp

54781e 48 c7 44 24 18 00 00 00 00 movq $0x0,0x18(%rsp)

547827 66 0f 1f 84 00 00 00 00 00 nopw 0x0(%rax,%rax,1)

547830 49 8b 3c de mov (%r14,%rbx,8),%rdi

547834 89 f8 mov %edi,%eax

547836 89 fa mov %edi,%edx

547838 83 e0 07 and $0x7,%eax

54783b 83 f8 01 cmp $0x1,%eax

54783e 0f 84 aa 00 00 00 je 0x5478ee 286>

547844 89 fa mov %edi,%edx

547846 83 e2 03 and $0x3,%edx

547849 83 fa 02 cmp $0x2,%edx

54784c 74 38 je 0x547886 182>

547886 83 f8 07 cmp $0x7,%eax

547889 0f 84 a1 01 00 00 je 0x547a30 608>

54788f 49 89 3c de mov %rdi,(%r14,%rbx,8)

547893 48 c1 ff 02 sar $0x2,%rdi

547897 41 83 fd 08 cmp $0x8,%r13d

54789b 77 23 ja 0x5478c0 240>

54789d ff 24 cd 60 f5 5e 00 jmpq \*0x5ef560(,%rcx,8)

547998 48 0f af fd imul %rbp,%rdi

54799c 0f 90 c0 seto %al

54799f 48 89 fd mov %rdi,%rbp

5479a2 41 09 c7 or %eax,%r15d

5479a5 e9 16 ff ff ff jmpq 0x5478c0 240>

5478c0 48 83 c3 01 add $0x1,%rbx

5478c4 49 39 dc cmp %rbx,%r12

5478c7 7e 57 jle 0x547920 336>

5478c9 45 84 ff test %r15b,%r15b

5478cc 0f 85 5e ff ff ff jne 0x547830 96>

5478d2 49 8b 3c de mov (%r14,%rbx,8),%rdi

5478d6 49 89 ea mov %rbp,%r10

5478d9 48 89 5c 24 18 mov %rbx,0x18(%rsp)

5478de 89 f8 mov %edi,%eax

5478e0 89 fa mov %edi,%edx

5478e2 83 e0 07 and $0x7,%eax

5478e5 83 f8 01 cmp $0x1,%eax

5478e8 0f 85 56 ff ff ff jne 0x547844 116>

547844 89 fa mov %edi,%edx

547846 83 e2 03 and $0x3,%edx

547849 83 fa 02 cmp $0x2,%edx

54784c 74 38 je 0x547886 182>

547886 83 f8 07 cmp $0x7,%eax

547889 0f 84 a1 01 00 00 je 0x547a30 608>

54788f 49 89 3c de mov %rdi,(%r14,%rbx,8)

547893 48 c1 ff 02 sar $0x2,%rdi

547897 41 83 fd 08 cmp $0x8,%r13d

54789b 77 23 ja 0x5478c0 240>

54789d ff 24 cd 60 f5 5e 00 jmpq \*0x5ef560(,%rcx,8)

547998 48 0f af fd imul %rbp,%rdi

54799c 0f 90 c0 seto %al

54799f 48 89 fd mov %rdi,%rbp

5479a2 41 09 c7 or %eax,%r15d

5479a5 e9 16 ff ff ff jmpq 0x5478c0 240>

5478c0 48 83 c3 01 add $0x1,%rbx

5478c4 49 39 dc cmp %rbx,%r12

5478c7 7e 57 jle 0x547920 336>

547920 48 8d 04 ad 02 00 00 00 lea 0x2(,%rbp,4),%rax

547928 48 83 c4 28 add $0x28,%rsp

54792c 5b pop %rbx

54792d 5d pop %rbp

54792e 41 5c pop %r12

547930 41 5d pop %r13

547932 41 5e pop %r14

547934 41 5f pop %r15

547936 c3 ret