

```
$ cat 05testmuldiv.s
```

```
## =====  
## 05testmuldiv.s  
## =====
```

```
.section ".text"
```

```
imull  %eax  
imull  %ebx  
imull  %ecx  
imull  %edx  
imull  %esi  
imull  %edi  
imull  %ebp  
imull  %esp
```

```
idivl  %eax  
idivl  %ebx  
idivl  %ecx  
idivl  %edx  
idivl  %esi  
idivl  %edi  
idivl  %ebp  
idivl  %esp
```

```
$ assembler -o 05testmuldiv.o 05testmuldiv.s
```

```
$ objdump -d 05testmuldiv.o
```

```
05testmuldiv.o:      file format elf32-i386
```

```
Disassembly of section .text:
```

```
00000000 <.text>:
```

```
0:  f7 e8          imul  %eax  
2:  f7 eb          imul  %ebx  
4:  f7 e9          imul  %ecx  
6:  f7 ea          imul  %edx  
8:  f7 ee          imul  %esi  
a:  f7 ef          imul  %edi  
c:  f7 ed          imul  %ebp  
e:  f7 ec          imul  %esp  
10: f7 f8          idiv  %eax  
12: f7 fb          idiv  %ebx  
14: f7 f9          idiv  %ecx  
16: f7 fa          idiv  %edx  
18: f7 fe          idiv  %esi  
1a: f7 ff          idiv  %edi  
1c: f7 fd          idiv  %ebp  
1e: f7 fc          idiv  %esp
```