

**Problem 2:**

7  
Todd  
Teacher  
Mary  
Machinist  
George  
Geologist  
Robert  
Repairman  
Lisa  
Logger  
Patrick  
Programmer  
Arnold  
Arbor

**Problem 3:**

5  
divide  
6  
3  
multiply  
400  
8123  
add  
2  
2  
subtract  
5  
7  
divide  
1  
7

**Problem 4:**

6  
Do you think I'm pretty?  
What did you say?  
I said, do you think I'm pretty?  
I would say so.  
Tell me you love me!  
I wont say that...

**Problem 5:**

4

45.67  
82.32  
100  
3  
2  
1  
1000  
10  
92  
80  
1  
100

**Problem 6:**

5 11  
3 8  
40 3  
11 17  
18 4  
30 40  
33 32

**Problem 7:**

5  
JELLO 0.01  
ADAMANTIUM 3500  
APPLE 2  
SALT 50  
BONE 75  
4  
SUPERBLENDMASTER 4000  
CRAAAZZYBLEND 100  
CRAPYBLEND 2  
SHITBLEND 0.1  
7  
JELLO SHITBLEND  
ADAMANTIUM CRAAAZZYBLEND  
BONE SUPERBLENDMASTER  
SALT CRAPYBLEND  
BONE SHITBLEND  
APPLE CRAPYBLEND  
JELLO SUPERBLENDMASTER

**Problem 8:**

4  
Chuck 700 Bruce 1000  
Jet 800 Jackie 500  
I.P. 950 David 2  
Brennan 1.5 Chase 1

**Problem 9:**

3  
2000  
Hamburger 1000  
Pie 550  
Soda 320  
Salad 400  
ChickenBurger 800  
0  
400  
MilkShake 600  
Fries 380  
Water 10  
Salad 200  
Toast 190  
0  
850  
Hamburger 542  
ChickenSandwich 850  
Pizza 200  
Soda 400  
CheeseBurger 742  
Ketchup 12  
Syrup 30  
Ice 10  
0

**Problem 10:**

10 6  
HHHHHHHXXHH  
HHHHHHHHHHH  
HHHHHHHHHHH  
HHHHHHHHHHH

HHHHHHHHHH  
HHHHHHHHHH

**Problem 11:**

4  
7  
12  
2  
3

**Problem 12:**

```
5
velocity GHry3
position ls0984x
height HU32uf
width 8xFjrT
length LLFCr
if (velocity < 10) { height += velocity; }
for (int a = 0; a > position; a--) { cout << length << endl; }
while (width > height) { width--; }
if (velocity == (position / height * width + length)) { //todo }
0
```

**Problem 13:**

```
7
1222 14242 3312 32322 22324 234 123123 23 23 13 22 131 123 3
23223 323333 222123 123223 312345 12234234 1241441124
3244 311 33421 32324 3442 22 1191
3 9 33 312 1213 123 2332 1923 3828 293412 19231 3242 4432 229234 2342
3933 1229923 234423 22 99232 23424123 1 1 2 2 3 1
1 2 3 22 3 4 5 1 2 3 4 1 2 3 2 1 2 2 3 4 31 2 32 1 2 3 4 2 3 3 4 1 1 2
3 3 2 1 2 3 2 1 2 3 1 2 3 2 2 3 4 1 2 2 3
1 2 23 32 334 22 1 2 31 21 13 3 1
3 1 2 2 2
```

**Problem 14:**

```
5
x = 3.2
if x > 3
y = 3
else
y = x + 2
end
```

```
return y
```

```
x = 0.3
y = -0.3
z = x+y
if z == 2
x = 1
else
x = 300
end
x = x*z
x = x/2
return x
```

```
alpha = 6/7
beta = 3.141
x = alpha*beta
y = alpha / beta
if x == 2
  x = 3000
end
return y
```

```
zed = 3
zed = zed + 3
bam = 0
bam = bam + 2.5
bam = zed / bam
return bam
```

```
zorg = 3
borg = 4
z = zorg - borg
z = z * 3
if z == 3
z = 900
end
return z
```

**Problem 15:**

```
10
12 3 16 12 12 12
3 3 3 3 3 3
2 4 5 10 1 8
68 73 90 83 72 92
```

14 20 23 17 30 20  
50 52 53 49 42 60  
60 61 59 52 54 56  
0 15 13 0 23 5  
100 75 60 80 93 82  
56 52 40 45 50 62

**Problem 16:**

3

|O|X  
O|O|X  
| |

X|X|  
O|O|  
| |

| |X  
|X|  
|O|O

**Problem 17:**

4

OBIWAN 7

ANAKIN 12

LUKE 10

HAN 5

4

KIRK 5

SPOCK 7

DATA 12

BONES 3

OBIWAN + ANAKIN + LUKE + HAN vs. KIRK + SPOCK + DATA + BONES

KIRK vs. HAN

SPOCK vs. HAN

DATA vs. ANAKIN

0

**Problem 19:**

12

120

840

31

30

84

963

990

880

30000

**Problem 20:**

91835728

2585

2601

8183572

8083506

8123506

7987061

7984550

27895949

28225284

27895949

26245507

25855390

3969528