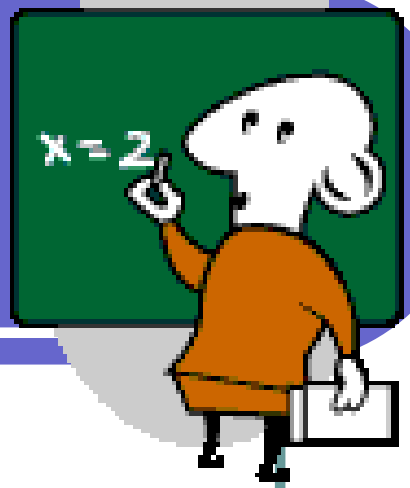
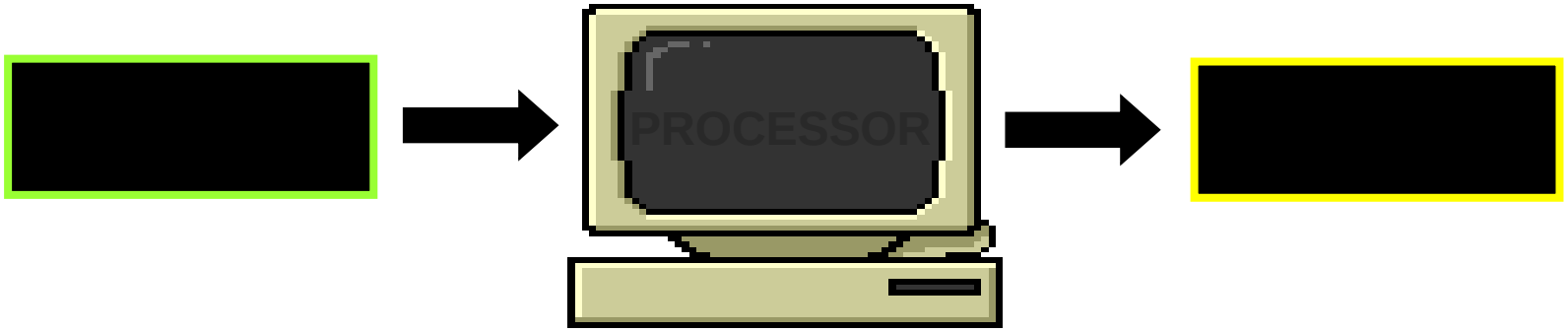
Algebra 1

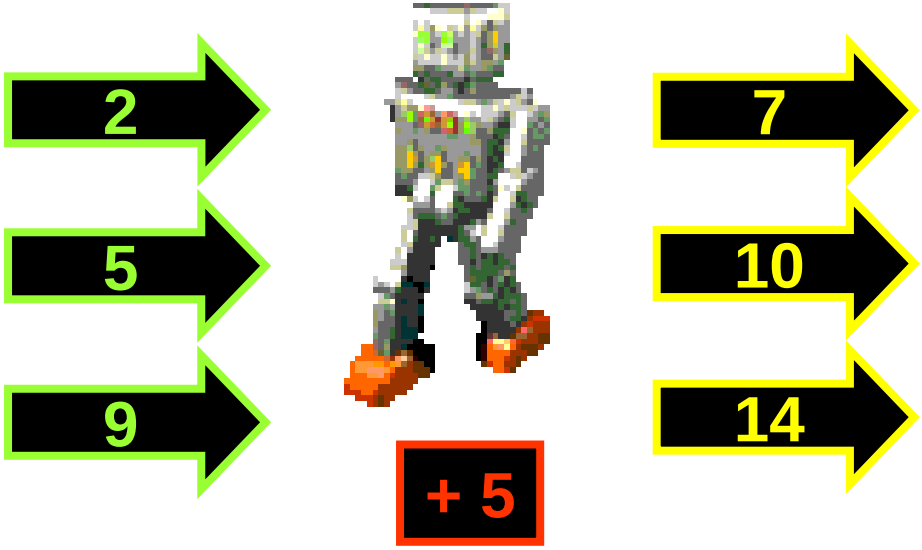


Input and Output

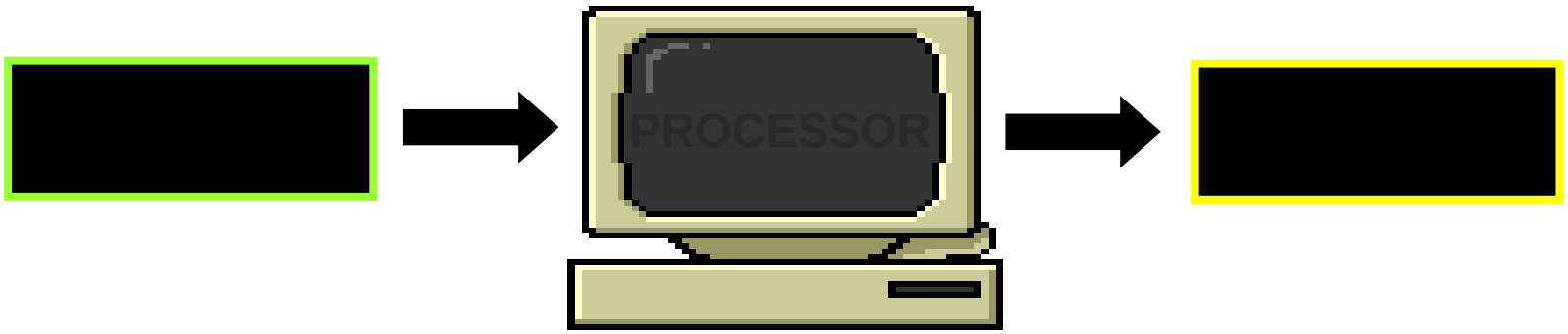
Single machines



- Imagine that we have a robot to help us make patterns.



Single machines



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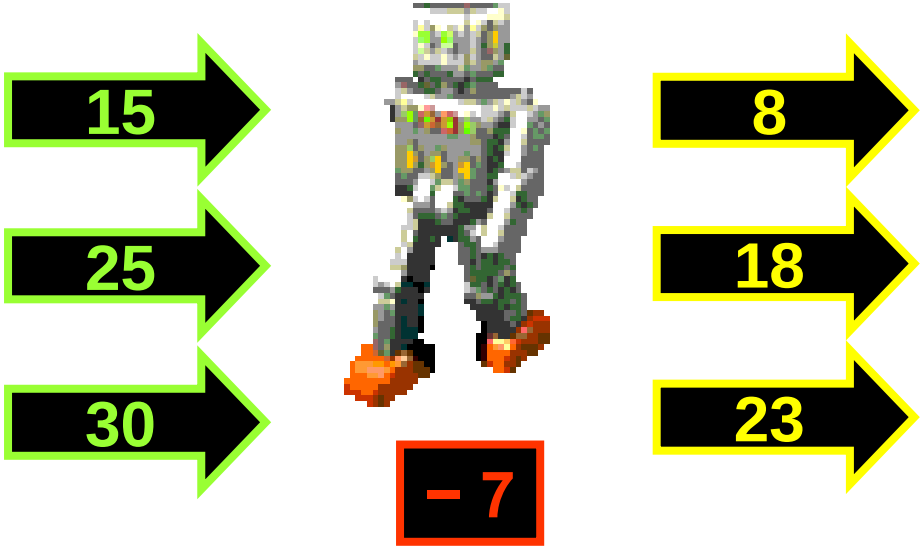
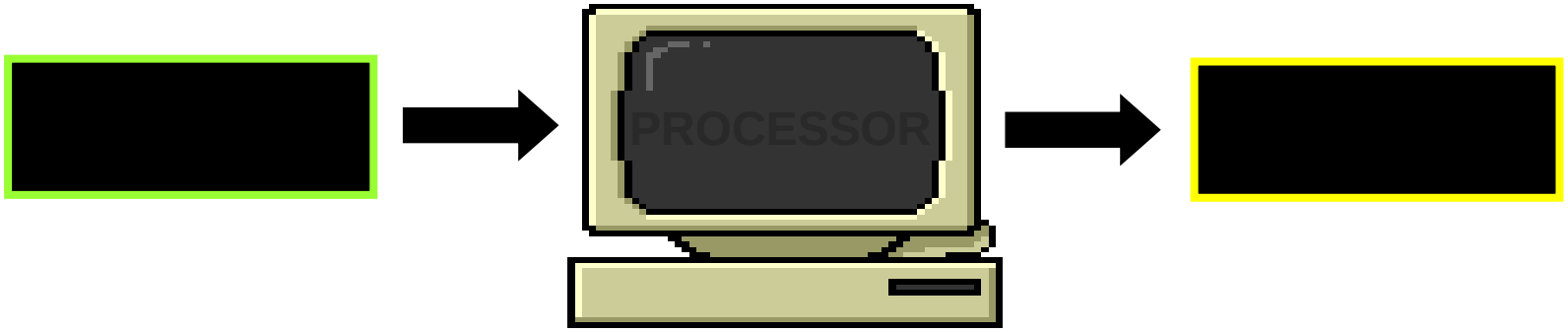


Single Machines



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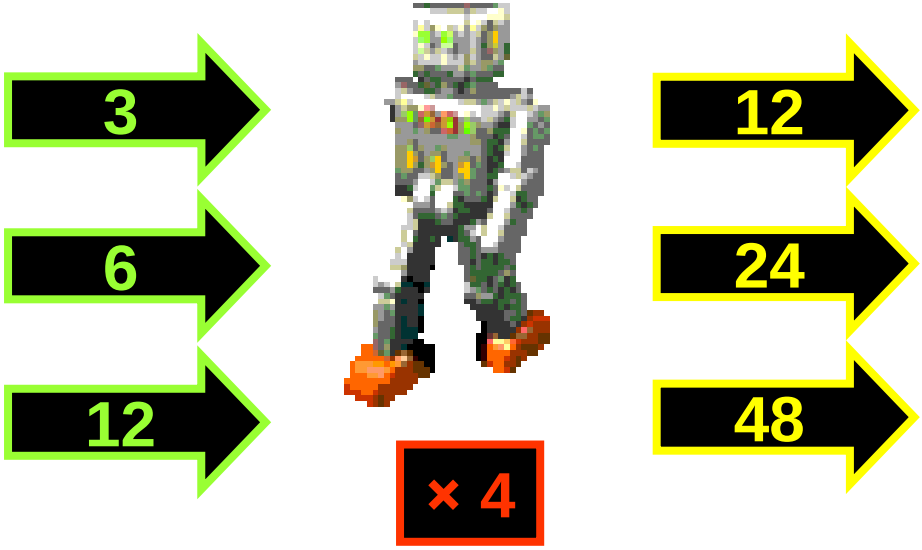

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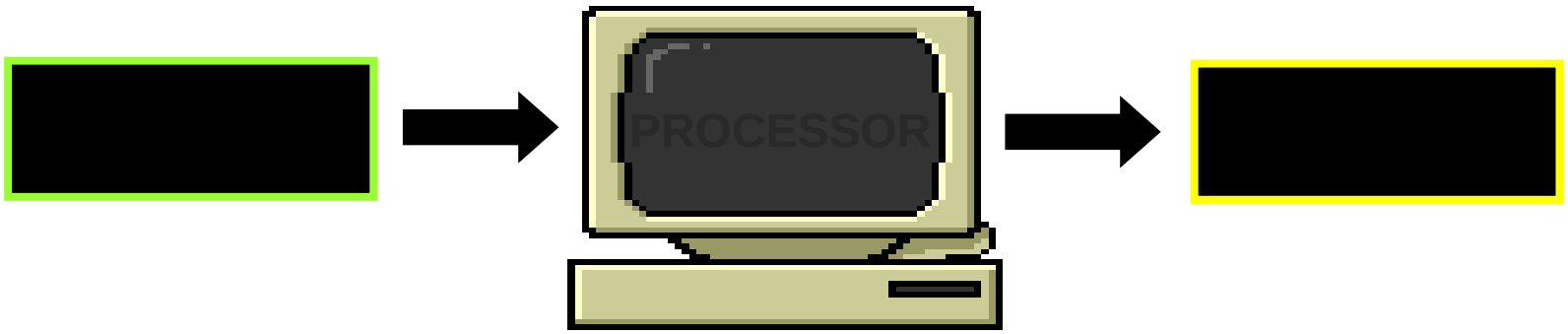

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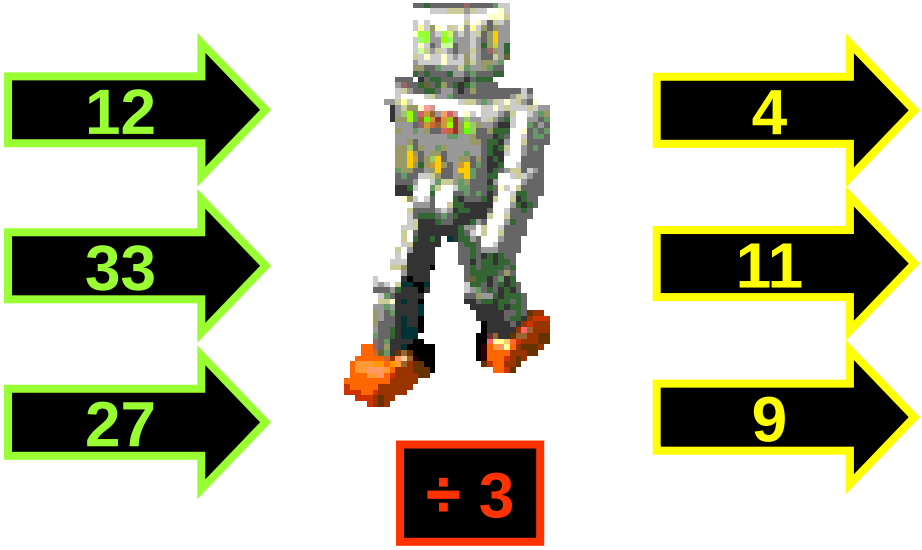

Exercises 1

- Here are single number machines
- What is the output since we know the input?

a

1 →	+ 2	→ 3
3 →		→ 5
5 →		→ 7

b

9 →	- 7	→ 2
13 →		→ 6
29 →		→ 22

c

3 →	× 4	→ 12
7 →		→ 28
9 →		→ 36

d

11 →	× 7	→ 77
9 →		→ 63
7 →		→ 49

e

12 →	÷ 6	→ 2
36 →		→ 6
66 →		→ 11

f

18 →	÷ 9	→ 2
54 →		→ 6
81 →		→ 9

Exercises 2

- Here are single number machines.
- What is the output since we know the input?

a

1 →	+ 9	→ 10
3 →		→ 12
5 →		→ 14

b

11 →	- 11	→ 0
24 →		→ 13
36 →		→ 25

c

4 →	× 8	→ 32
7 →		→ 56
9 →		→ 72

d

6 →	× 9	→ 54
4 →		→ 36
9 →		→ 81

e

21 →	÷ 7	→ 3
49 →		→ 7
63 →		→ 9

f

11 →	÷ 11	→ 1
33 →		→ 3
66 →		→ 6