

Number machine

PUPIL'S WORKSHEET



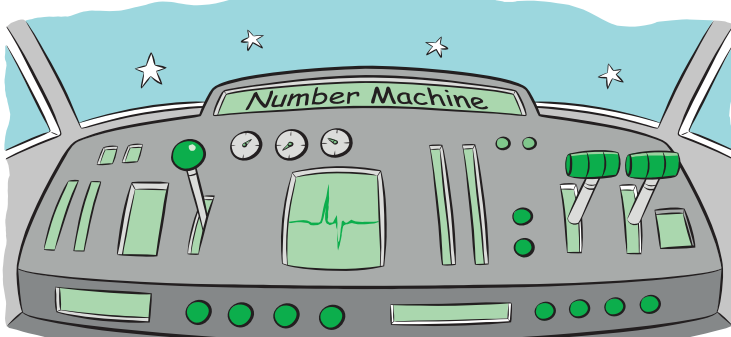
Activity:

Nima made up a number machine that changes numbers.

Tag us online:

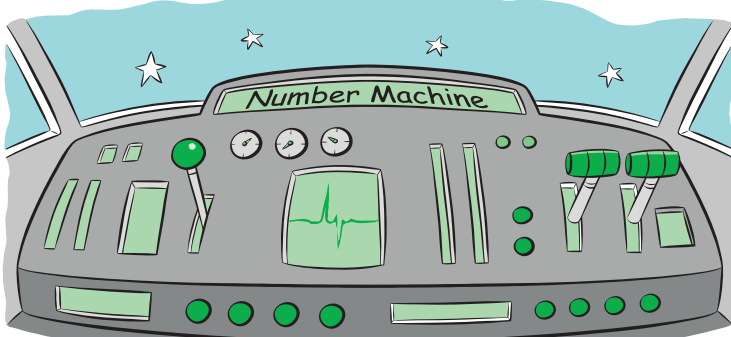
#numberday

1. Can you work out how Nima's machine works?

Numbers in		Numbers out
1 →		→ 6
5 →		→ 14
20 →		→ 44

Extra challenge:

1. Make up a machine of your own for a friend to work out.

Numbers in		Numbers out
<input type="text"/> →		→ <input type="text"/>
<input type="text"/> →		→ <input type="text"/>
<input type="text"/> →		→ <input type="text"/>

Find out more about Numicon at:

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Ages 8-9

Number machine

TEACHER'S NOTES

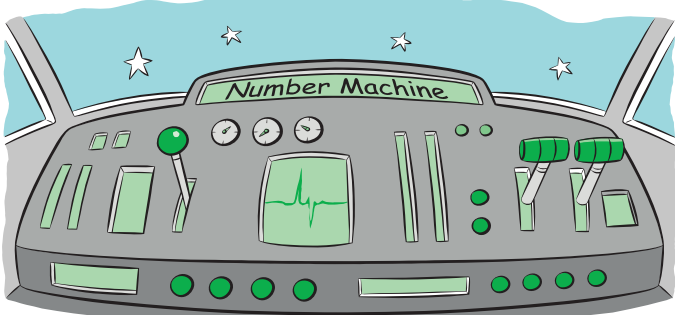


Answers:

Rule: double the number in and add 4.

1. $1 + 1 = 2$ then add $4 = 6$
2. $5 + 5 = 10$ then add $4 = 14$
3. $20 + 20 = 40$ then add $4 = 44$

Numbers in		Numbers out	
1	→	6	+5
5	→	14	+9
20	→	44	+24



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