# Workshop:

# Starters

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# Why do we use Starters?

We use them as:

- an energizer, to push the math button
- an introduction of a subject and to estimate prior knowledge
- to differentiate
- to make groups
- to repeat subjects

# Features of a good starter:

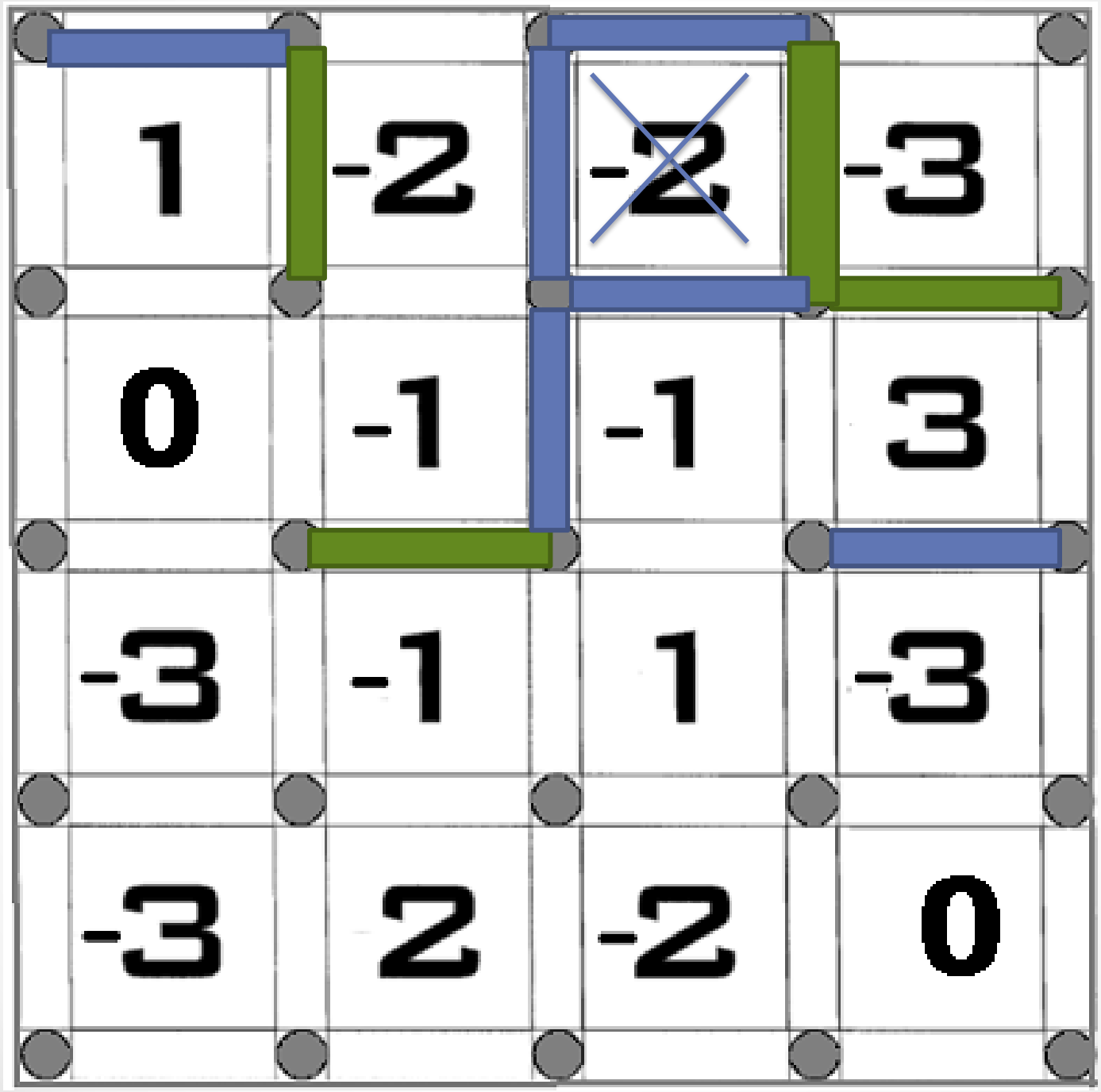
- Activating/motivating → playful
- The subject has to match with the math goal
- Low threshold or different kind of levels
- Expand, vary or adapt to the target group

# Energizers

- 1,2,3
- 1,2,3,4,5,6, flip
- 24 game, with target ticket

# Introducing a subject

- Fraction tickets.
- Little assigments:
  - measure, weight,
  - Secret assigments, (find your way by following the instructions)
  - Making and baking with weight and measures
- Rent-a-room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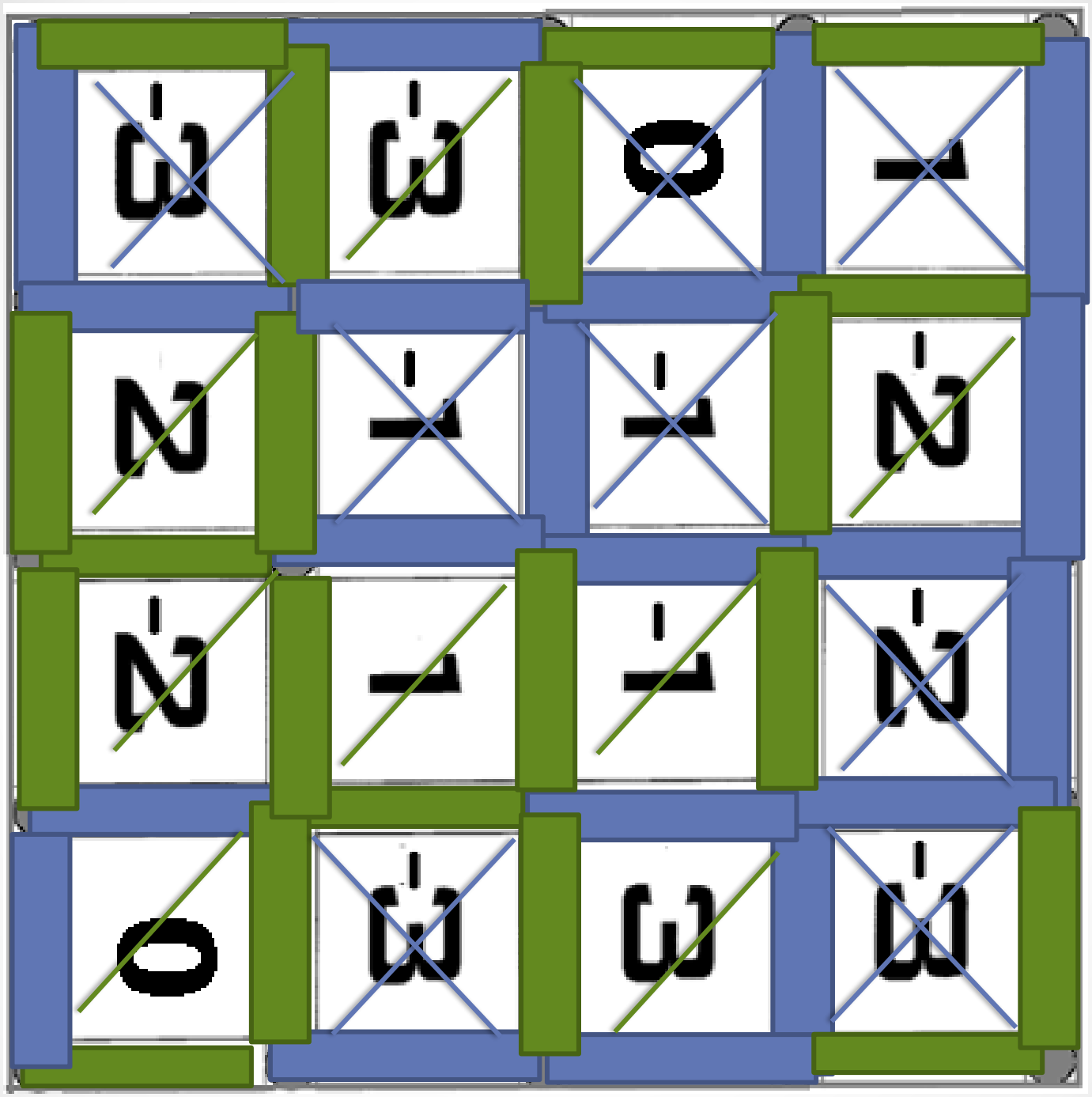


Fill in the size of each object on the form.

# You can use a form, so the students can pick the right size

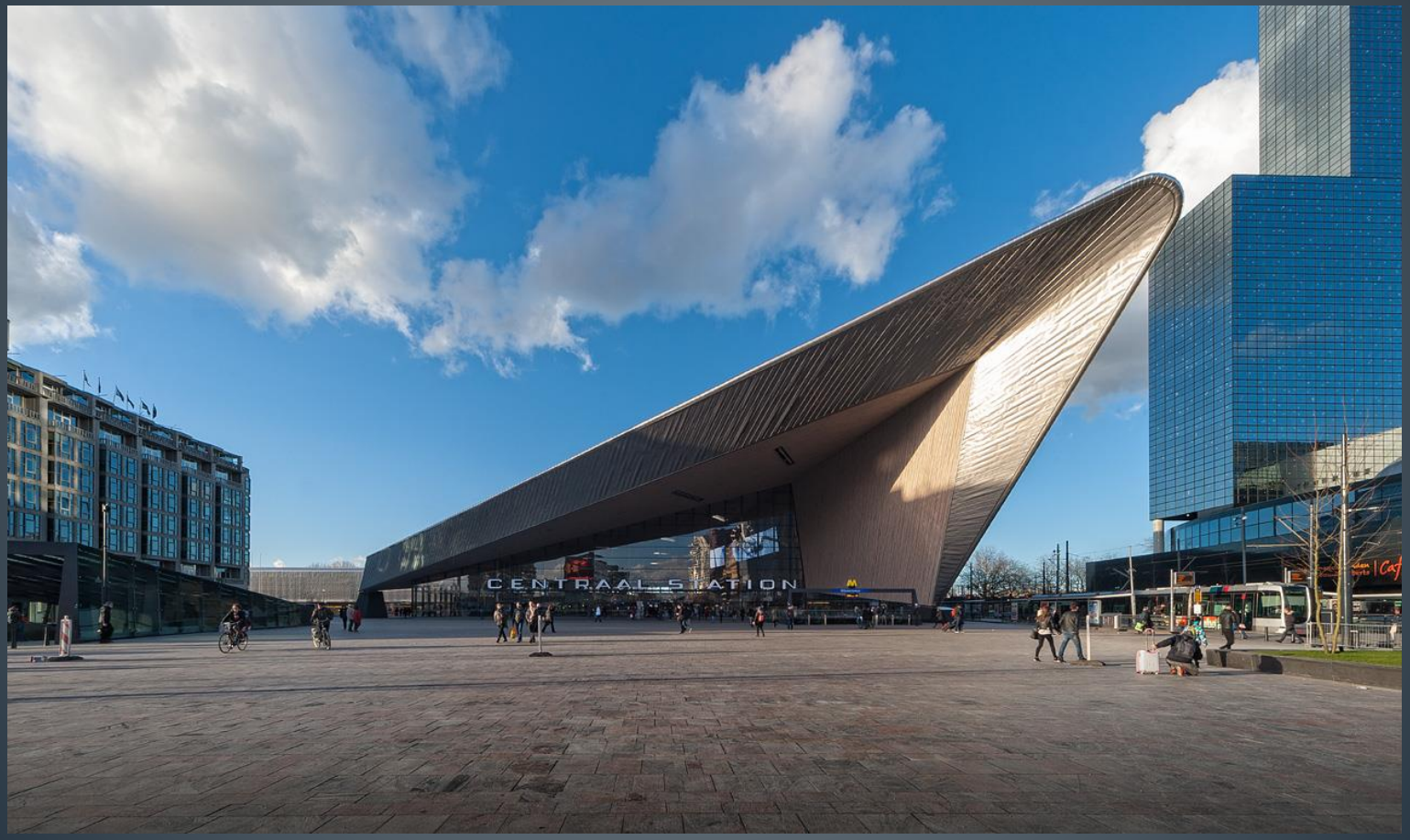
| | |
|---|---|
| – Santa Claus | 800 m |
| – Central station | 7 m |
| – Erasmusbrug | 75 cm |
| – Cat | 40 m |

Or just let them guess…..

# The Height of Santa Claus

# The length of the Erasmusbrug

# The height of Rotterdam Centraal



# The length of a cat, its tail included.

# And so on, and so on……

Answers:

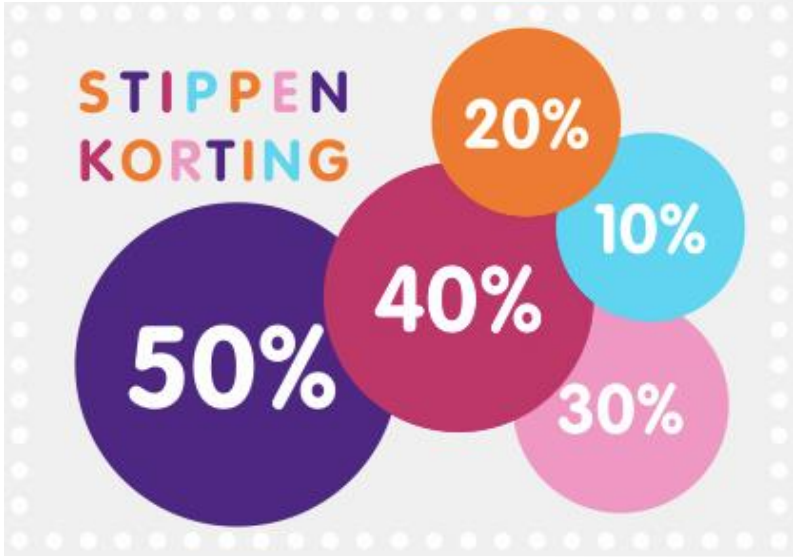
- Santa Claus: 7 m
- Erasmusbrug: 800 m
- Central station: 30 m
- Cat: 75 cm

Make this quiz with buidings and other objects from your hometown or your country.

# To differentiate

- Buy with discount
- Recipes
- Assignments with different levels
- Fraction tickets

1
bolsius
AROMATIC
Geurtheelichten
In diverse geuren.
Per set 2.29
SET VAN 10
1.99
Geurkaars in glas
In diverse geuren.
Per stuk 2.49
1.79
77
Rozen met LED-verlichting
Excl. batterijen.
4.99
Lantaarn
Verkrijgbaar in 2 maten: 14x14x25 en 17x17x32.
Excl. kaars of LED-bloemen.
Per stuk vanaf
6.99
Huishoudkaarsen
Lengte 21 cm.
Ca. 6 uur brandtijd per kaars.
25 STUKS
4.-
Maxi theelichten
24 STUKS
3.50
Theelichten
4 uur brandtijd per theelicht.
100 STUKS
2.75
22
BLOKKER


STIPPEN
KORTING
20%
10%
40%
50%
30%

# Making groups

- Stand in line of birthday, age, length
- Find your buddy:
    - square and square roots
    - the same answers,
    - percentages, fractions and decimal numbers
    - etc.
-

# target ticket

- Tickets: 10  4  5  7  1
- Target ticket:  4

- 10 : 5 = 2
- 1 + 7 = 8
- 2 x 8 = 16
- 16 : 4 = 4

# Thank you for your attention