Tasks and Routines in 3-5 classrooms

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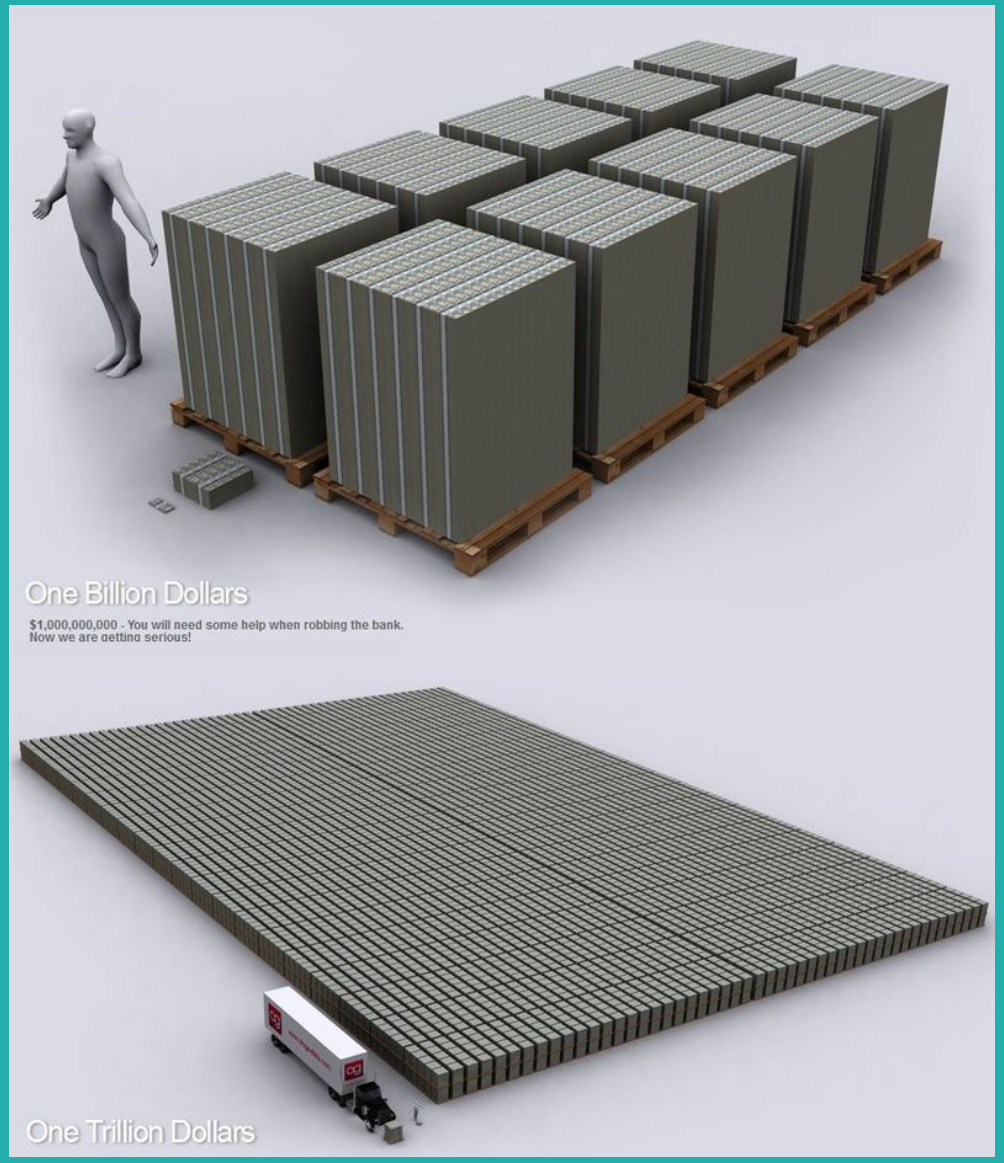
Where is 1 million?

One million seconds is 11.57 days

How long is 1 billion seconds?

11.57 x 1,000 = 11,570 days

11,570 / 365 = 31.7 years


One Billion Dollars
$1,000,000,000 - You will need some help when robbing the bank.
Now we are getting serious!
One Trillion Dollars

Routines that get at student's important mathematical ideas

Number talks

Splat

Story problem routine

Which One Doesn't Belong?

How Many?

Ways to Make _____

Three Act Tasks

Estimation 180

Notice/Wonder

Quick Images

Number Talk – Whole Numbers

296 + 414

Number Talk – Whole Numbers

201 - 199

Number Talk – Whole Numbers

18 x 35

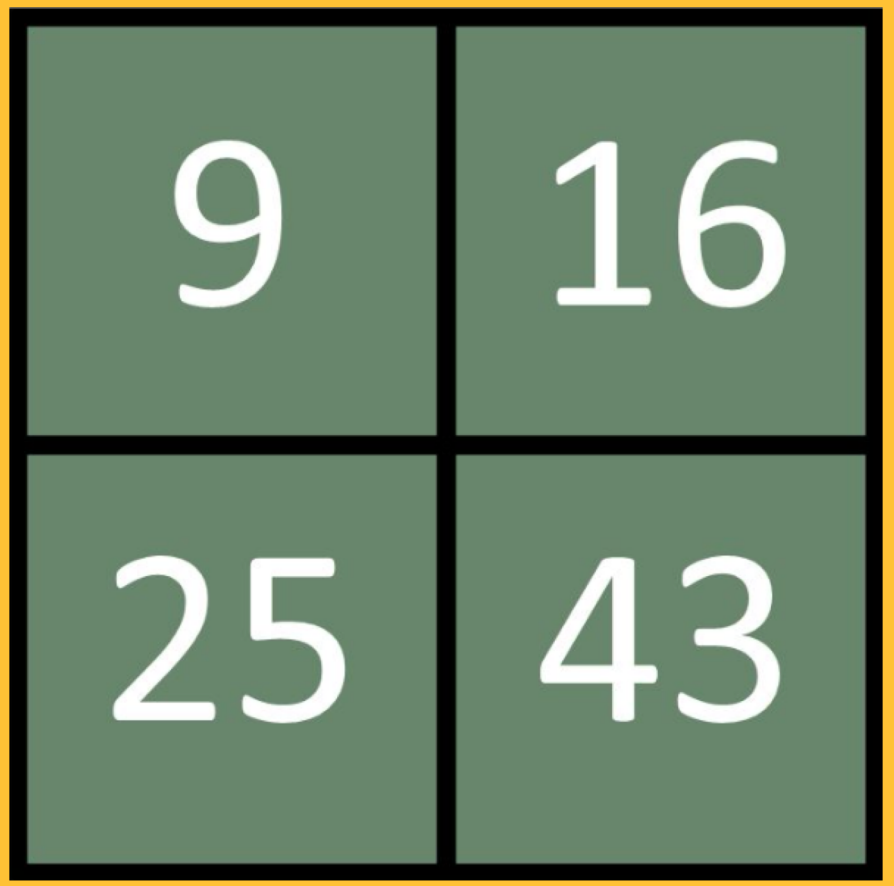
Number Talk – Fractions

$$6 \times 3/6$$

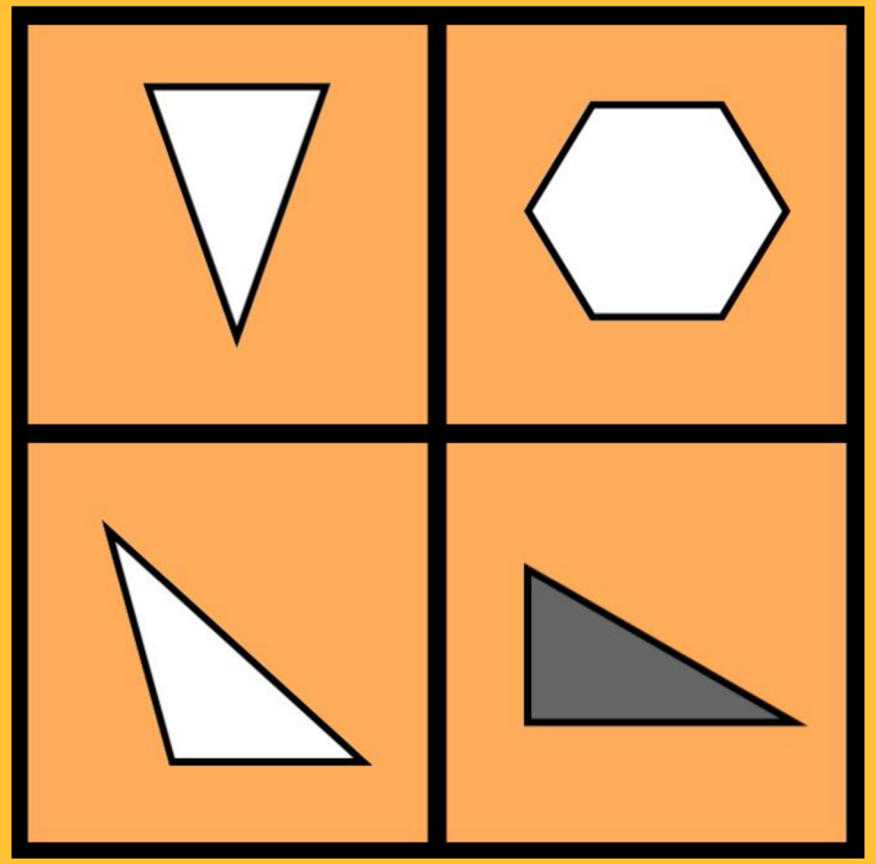
Number Talk – Fractions

$$3/4 \times 1/2$$

Which One Doesn't Belong?



Which One Doesn't Belong?



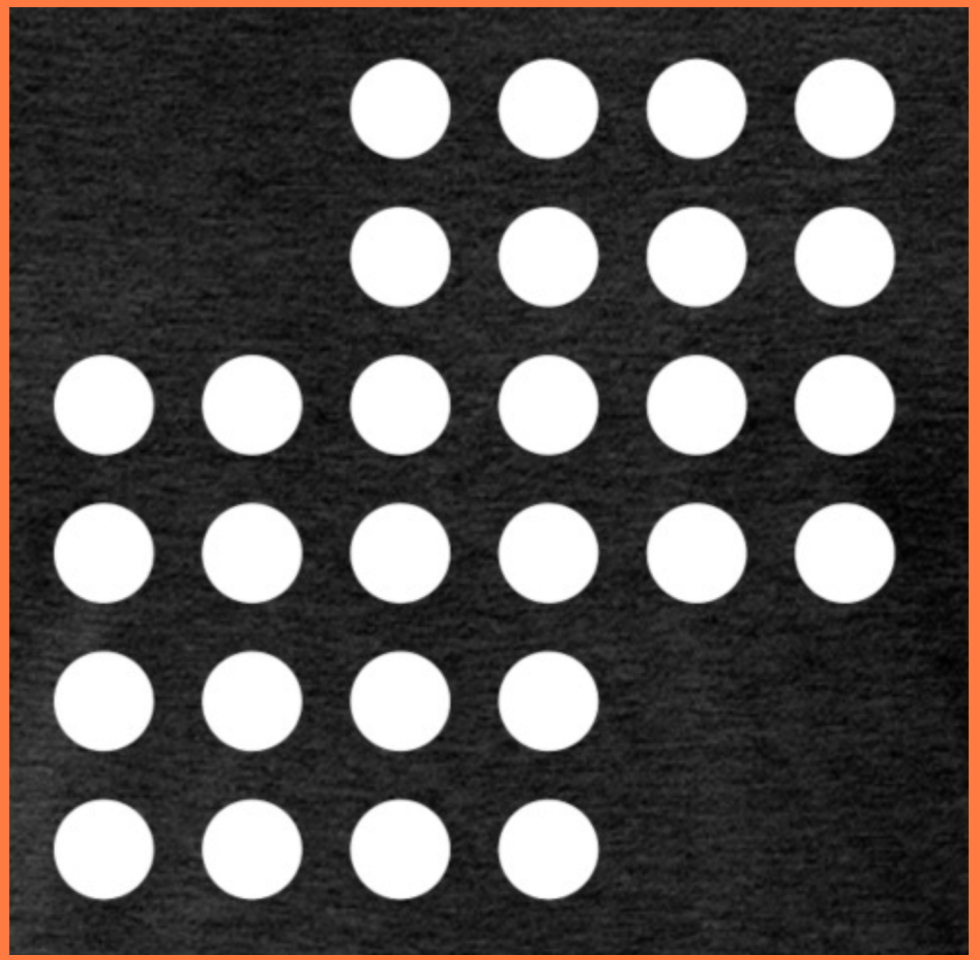
What do you notice?
What do you wonder?

Main Question?
How many seats are on the train?

What information do you need?

Estimation 180

Quick Images



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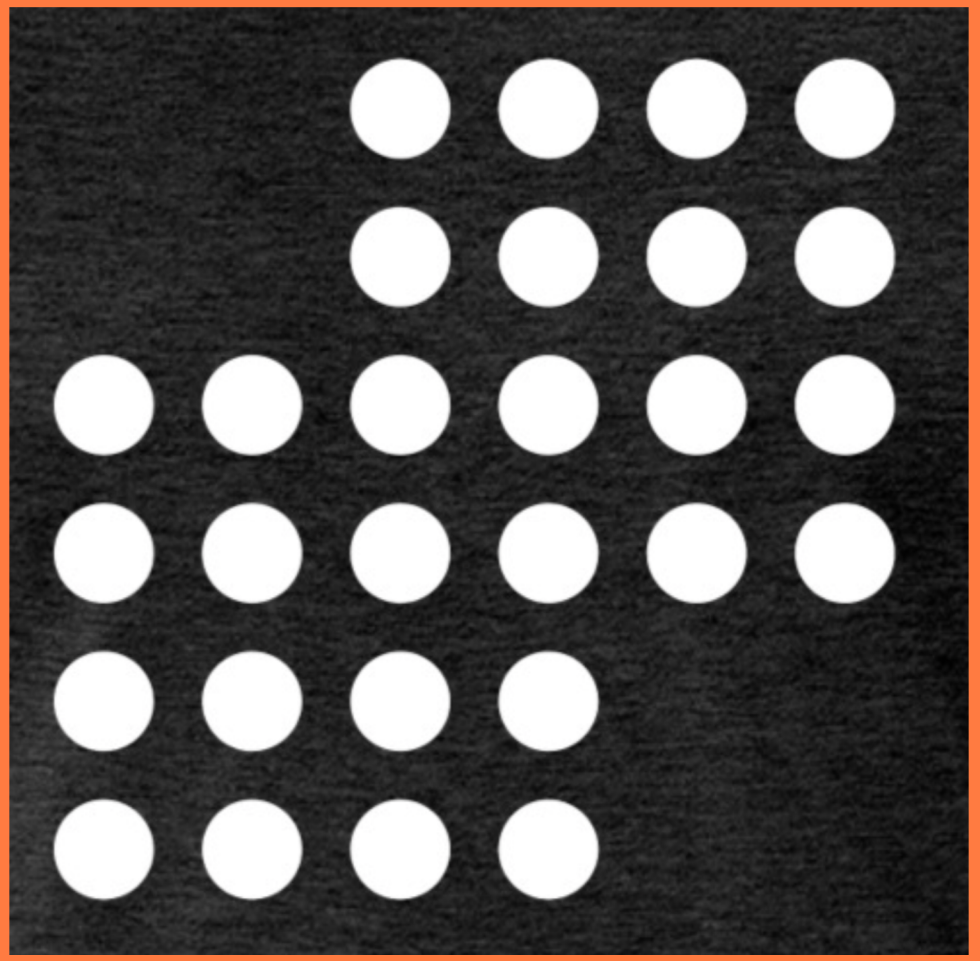

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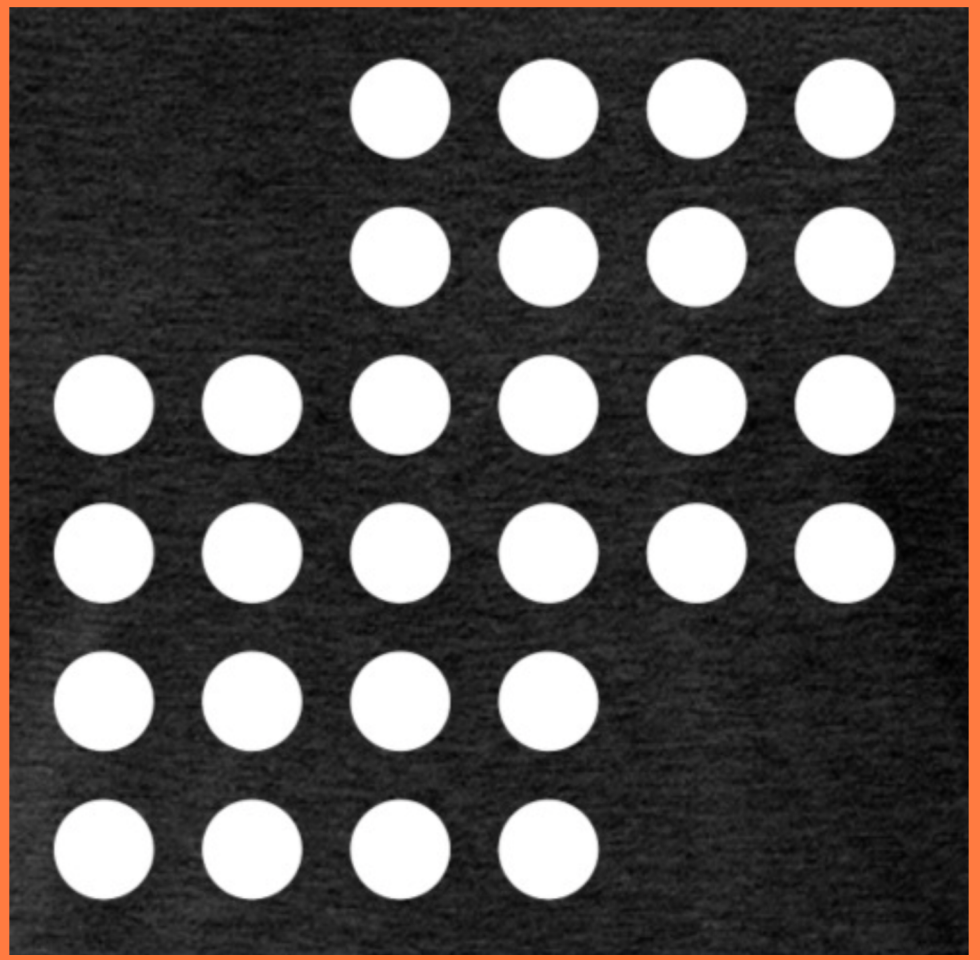
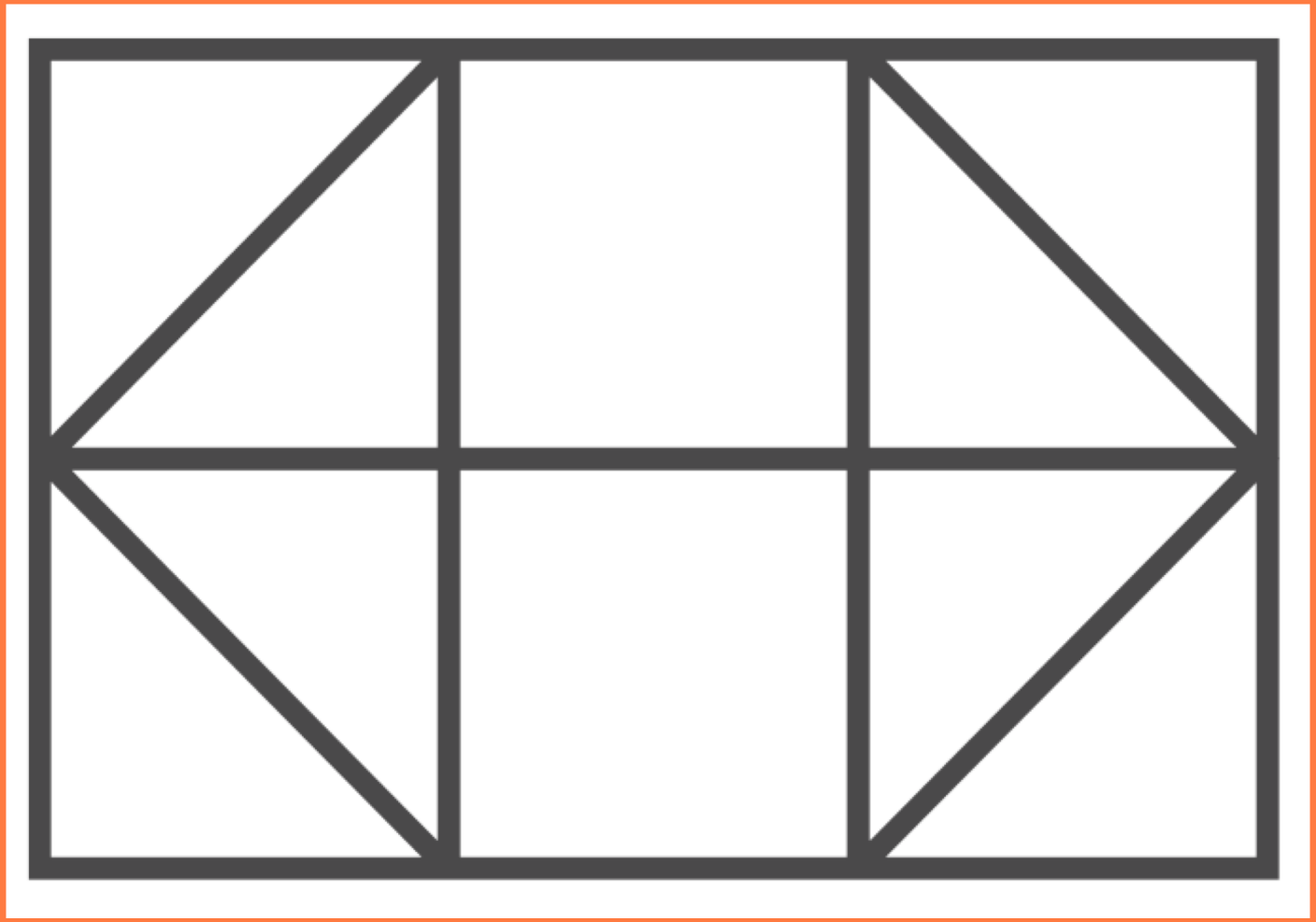


Image cred: Math Positive Shirts from Berkeley Everett

Quick Images



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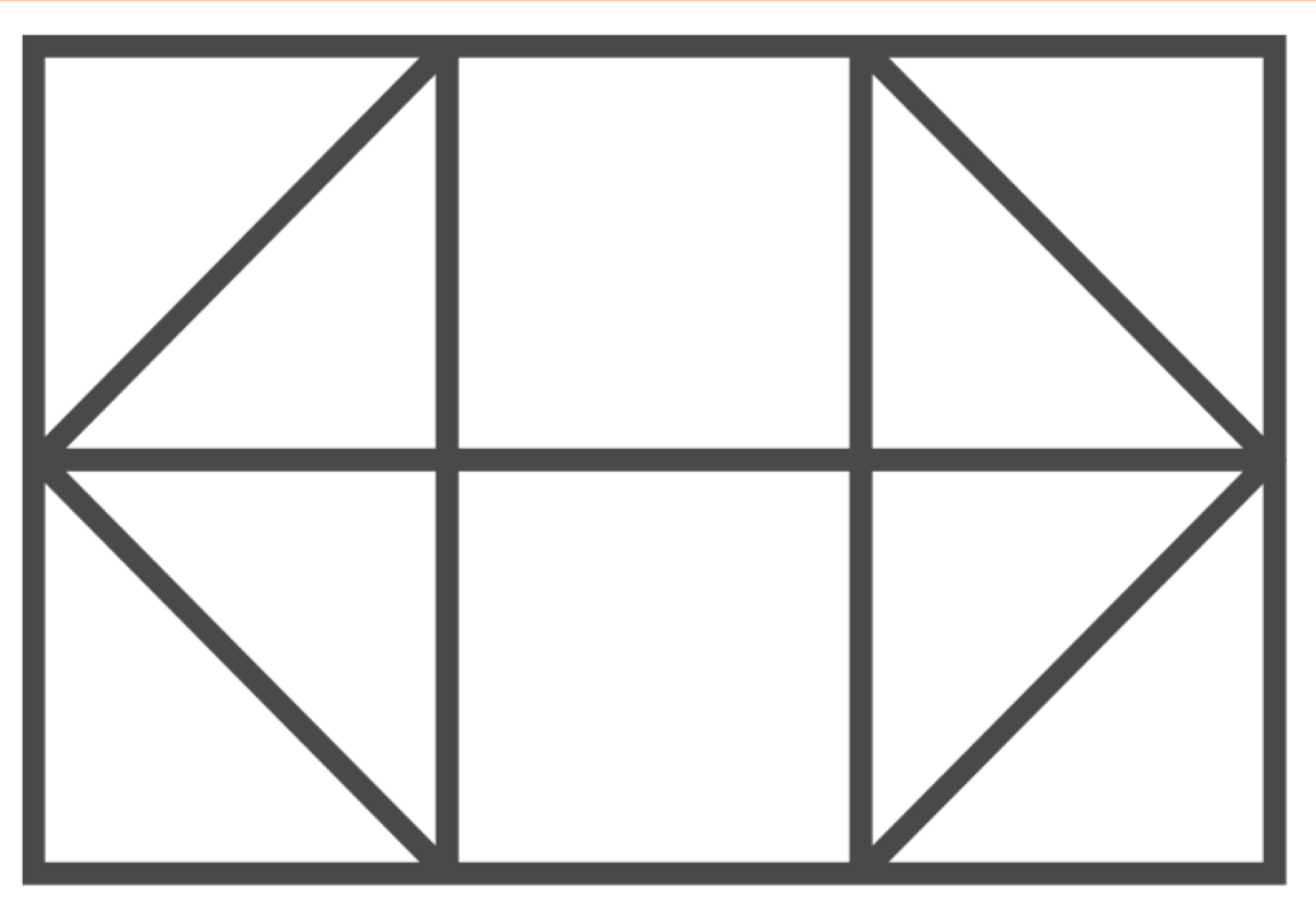

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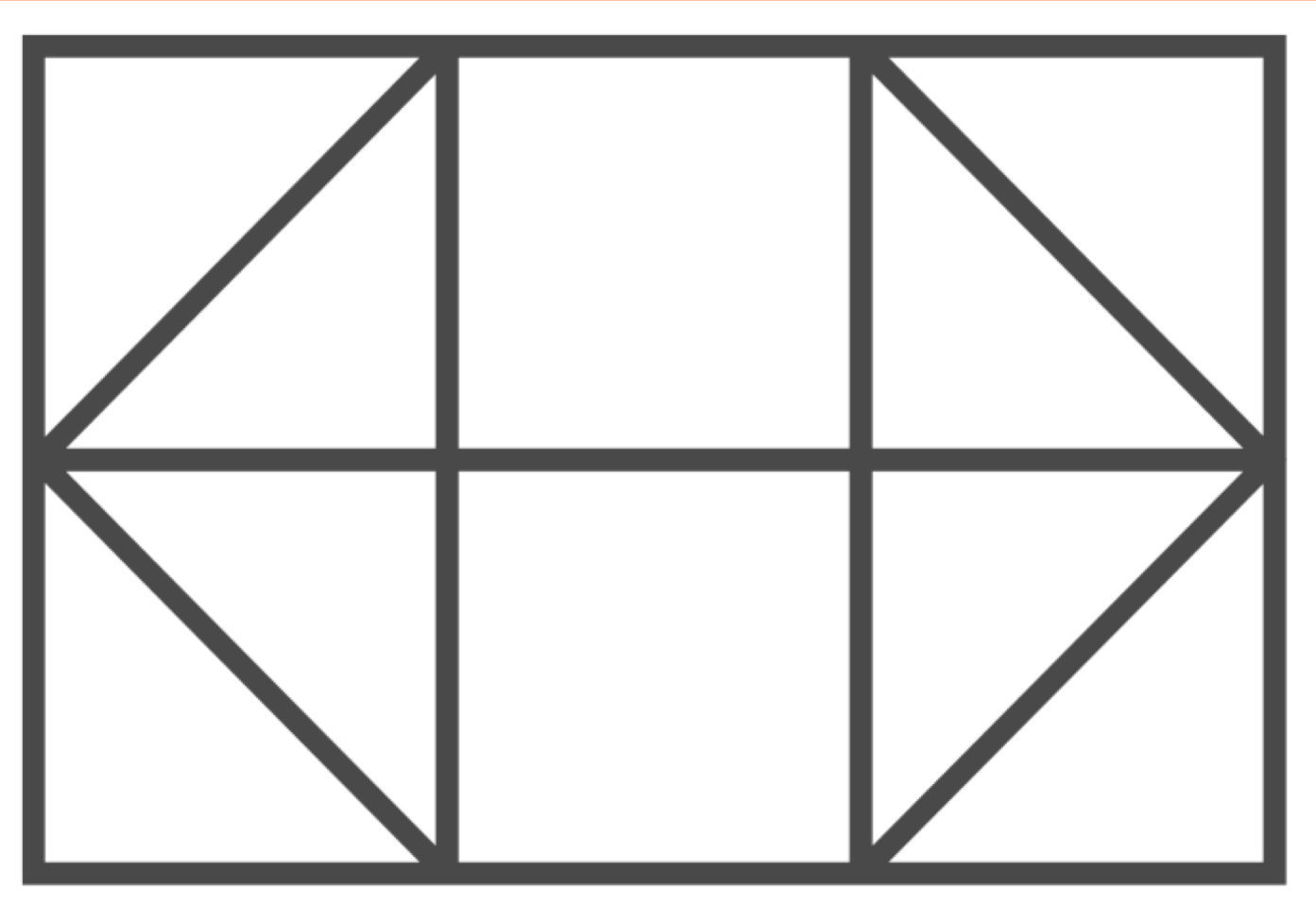

Image cred: Investigations in Number, Data, and Space

THANK YOU!

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