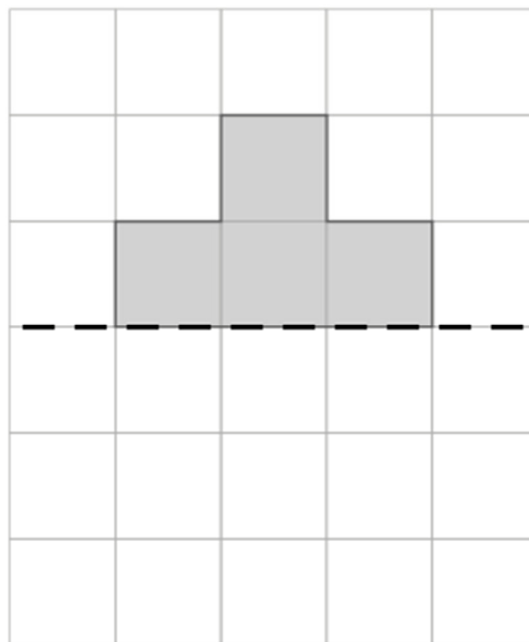


TIMSS 2019 – Restricted Use Items – Measurement and Geometry

Benchmark 2

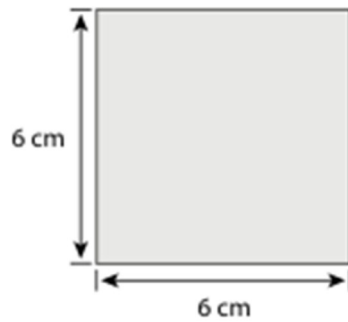
Applying

Complete this figure so the dashed line is a line of symmetry.



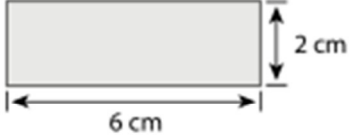
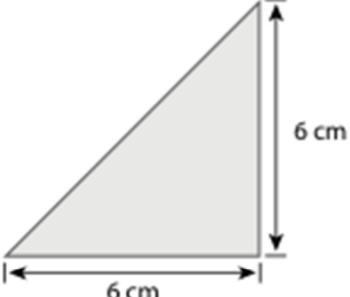
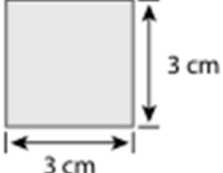
Benchmark 4

Applying



The square above can be made by putting together smaller shapes.

Complete the table with the number of each shape that are needed to cover the whole square.

Shape	Number Needed to Cover the Square Above
	
	
	

Benchmark 4

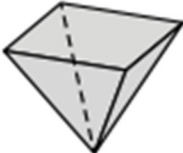



Applying

Justin has many of these triangle and square panels that fit together to make three-dimensional shapes.



Justin makes each of the shapes shown below.

Fill in the table. The first one has been done for you.

Three-dimensional shape	Number of triangles	Number of squares
	4	1
		
		
		

Knowing

What are the units for these measurements?

Draw a line to match each measurement to its units.



A car weighs 1400



A bucket holds 10



A pencil weighs 5

grams (g)

kilograms (kg)

liters (L)

milliliters (mL)

Knowing

How long is this line in centimeters?



- (A) 7
- (B) 5,5
- (C) 3,5
- (D) 3