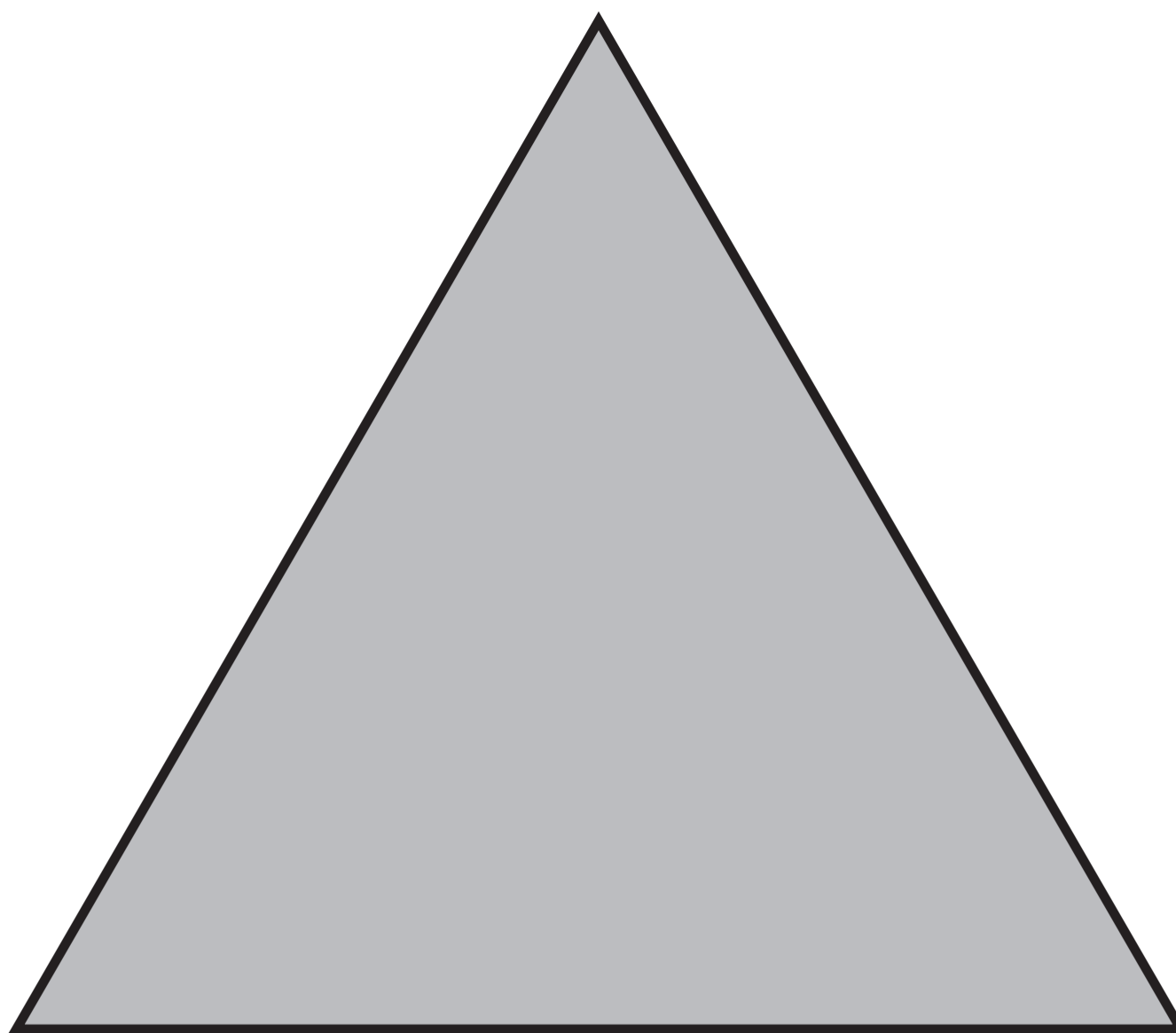
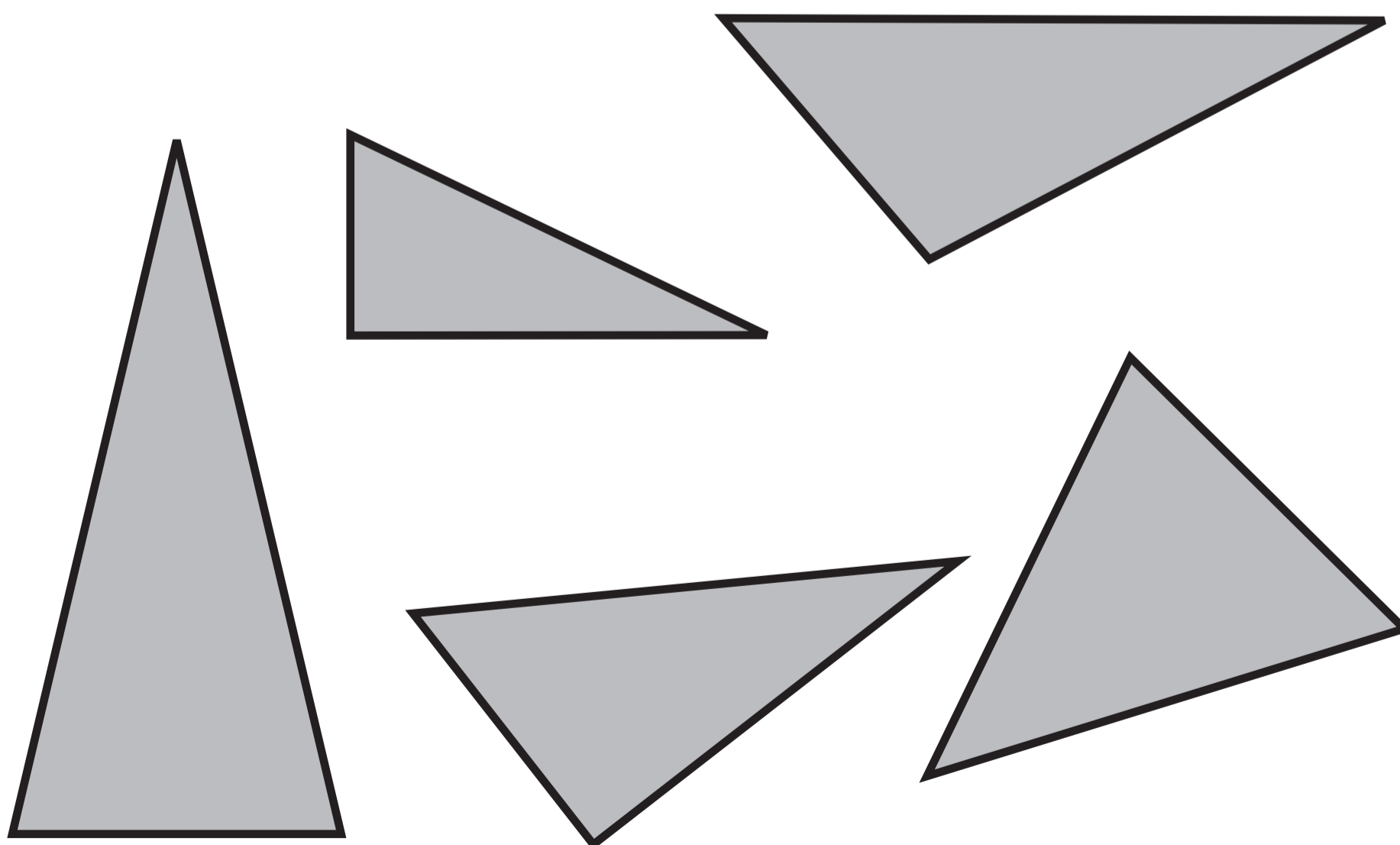


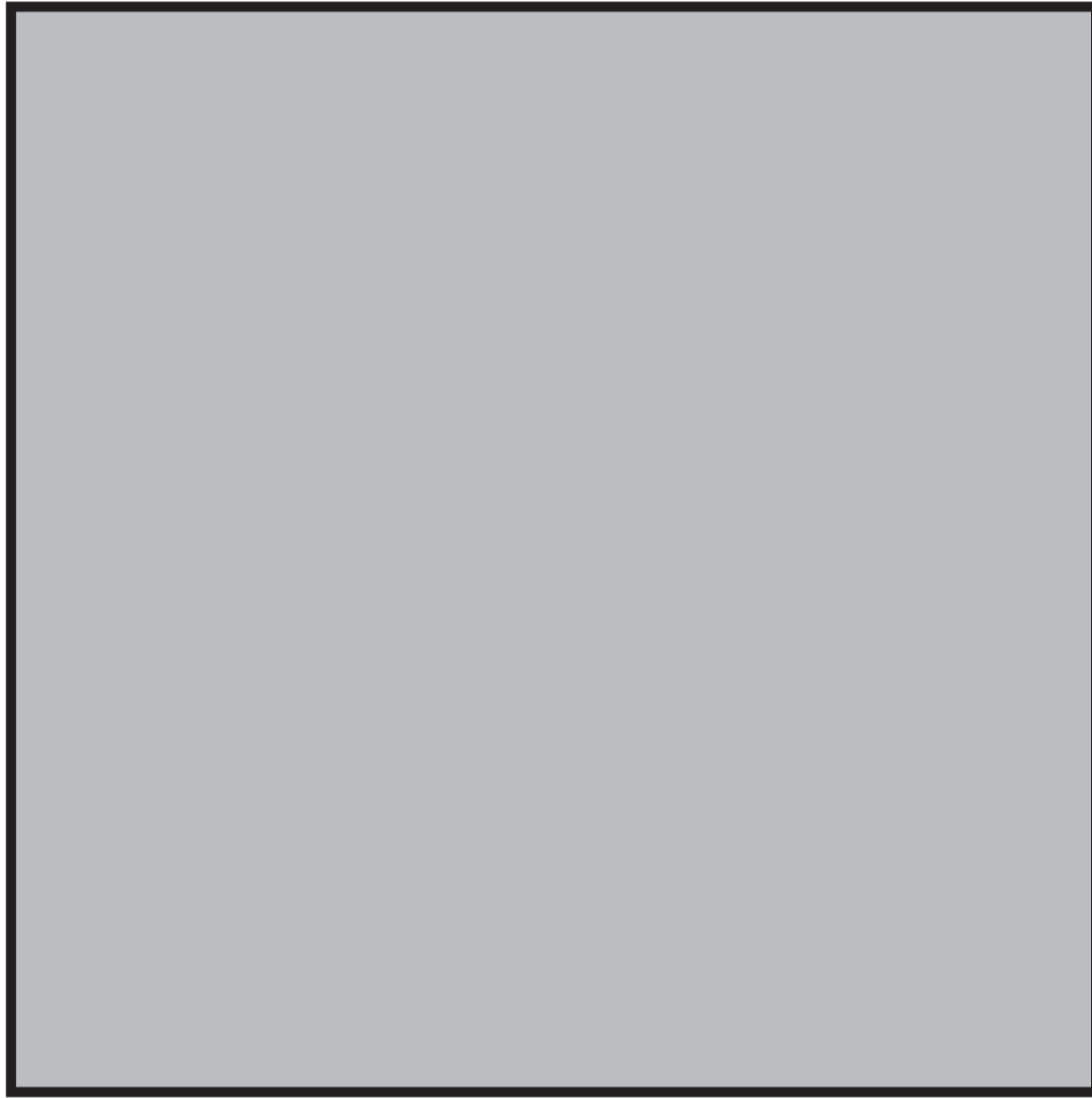
**A triangle is a closed 2-D shape
with three straight sides**



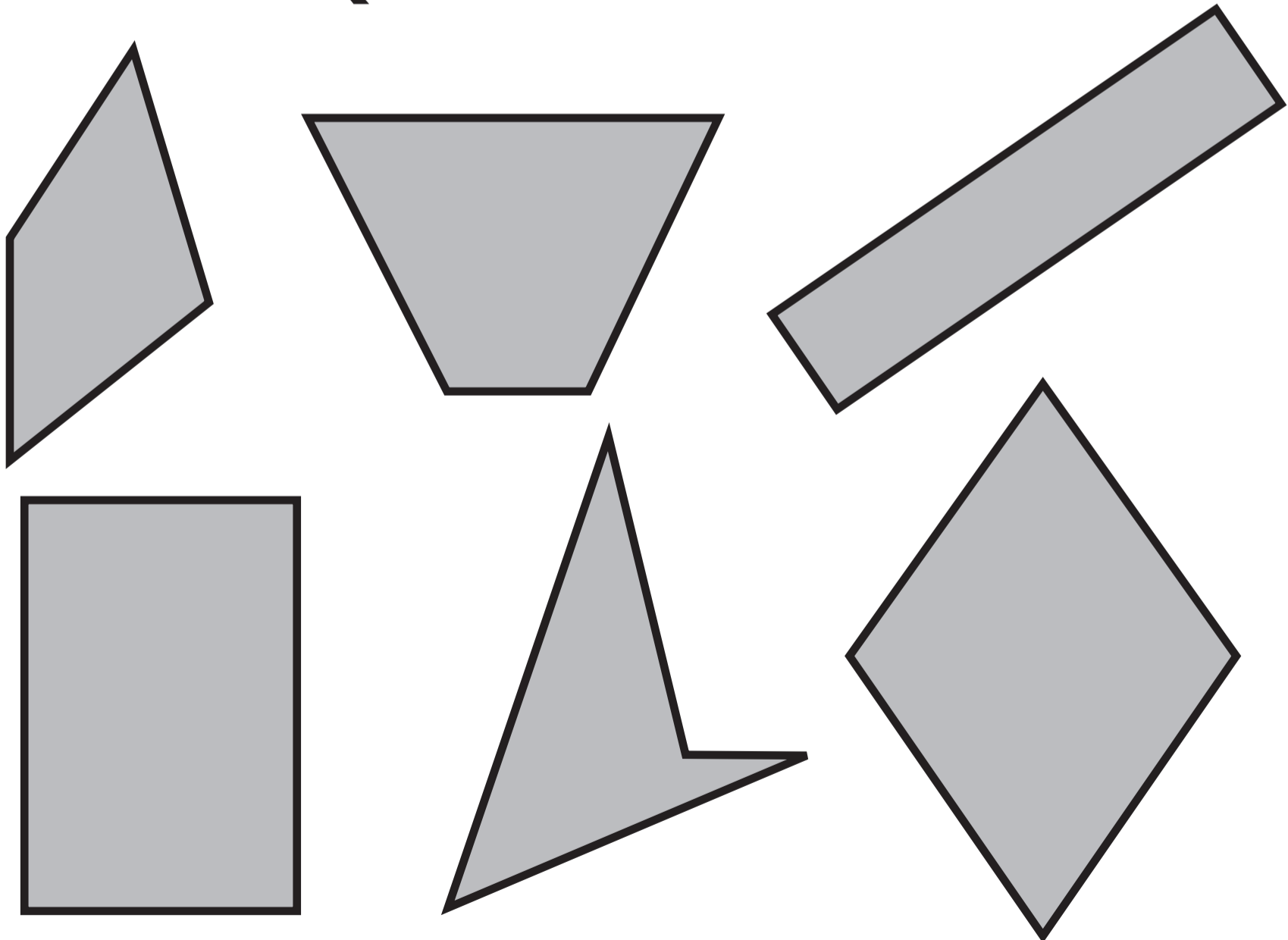
Tri means three



A quadrilateral is a closed 2-D shape with four straight sides

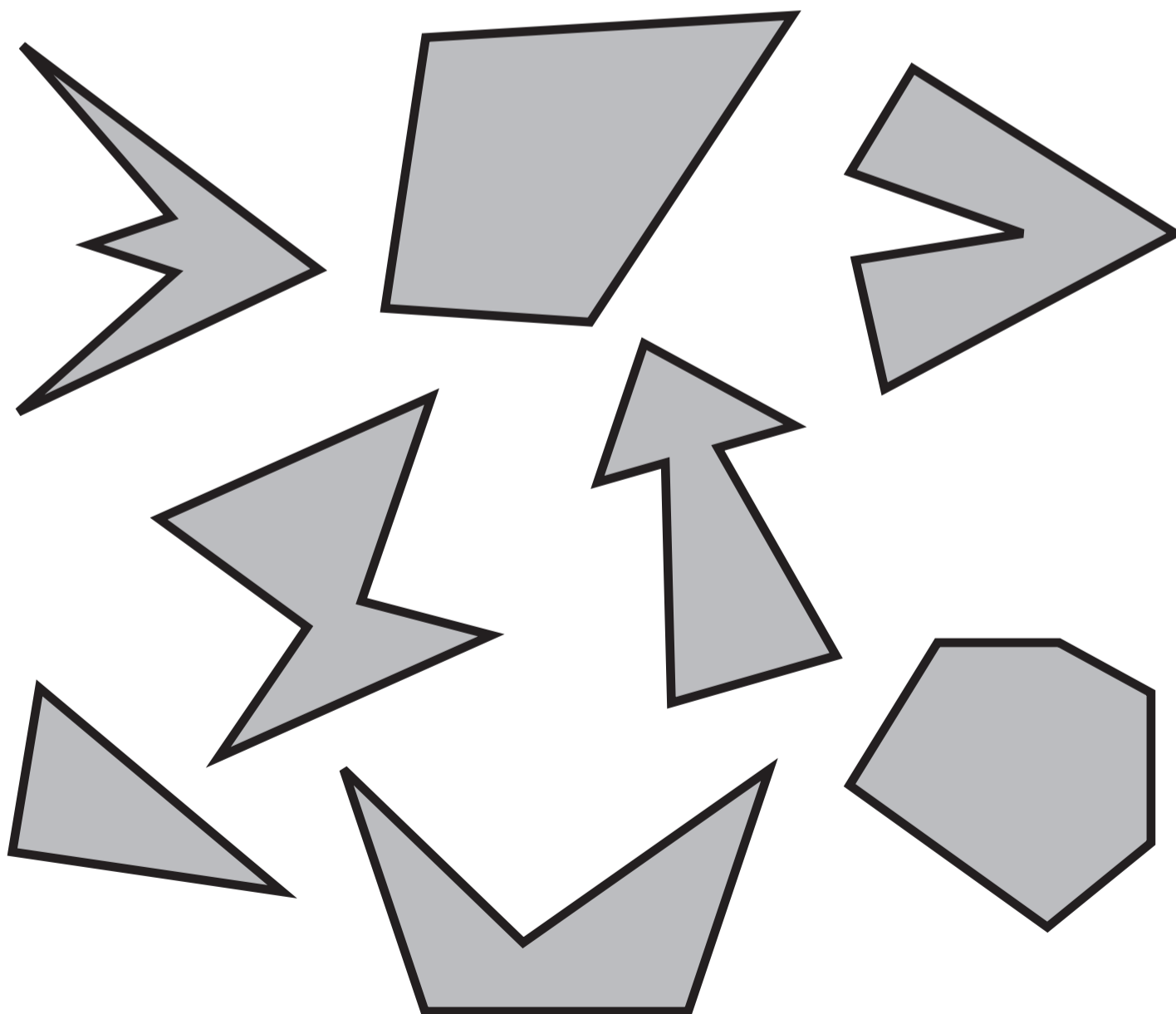


Quad means four



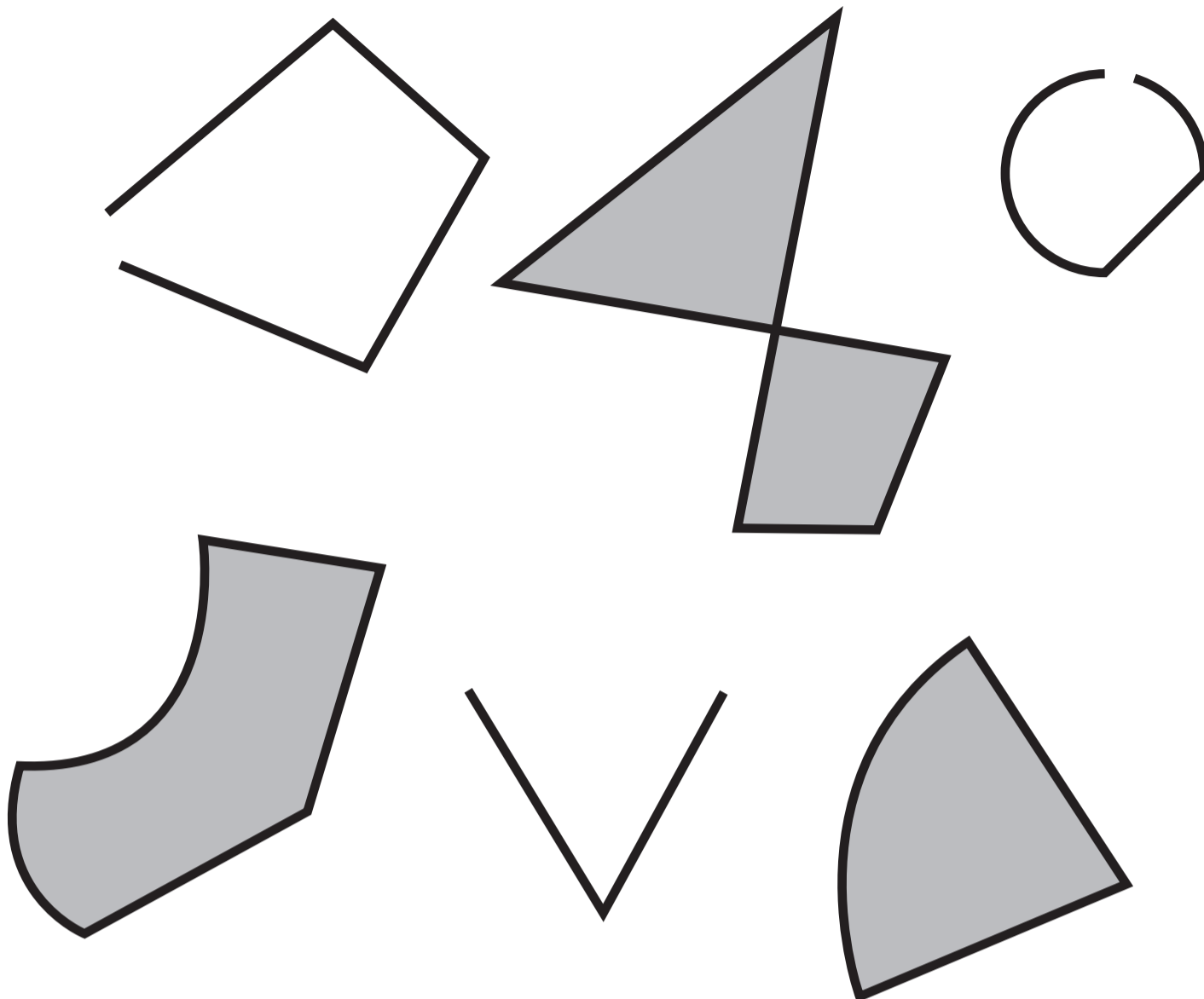
A polygon is a closed 2-D shape with straight sides

polygon

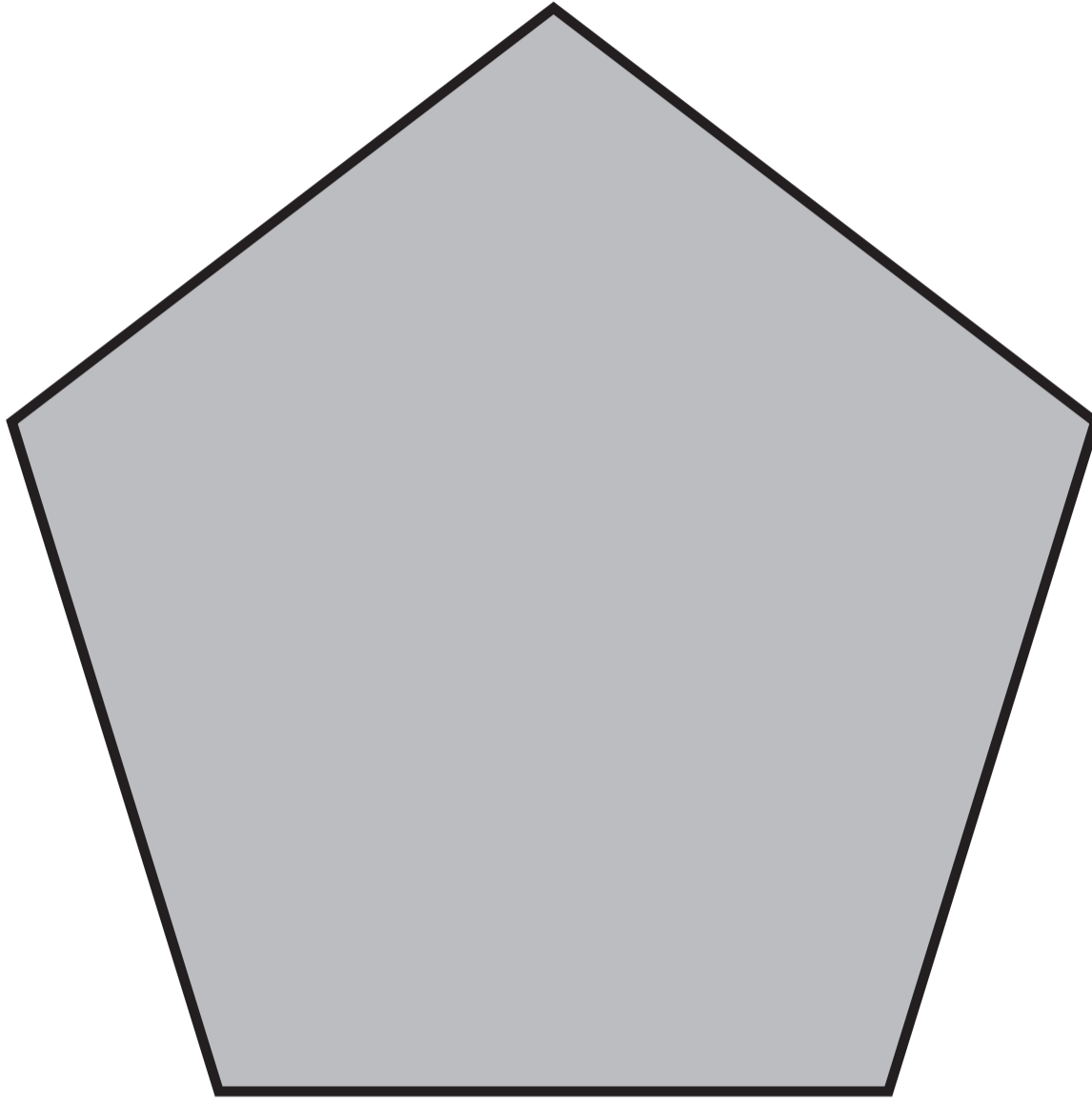


Poly means many

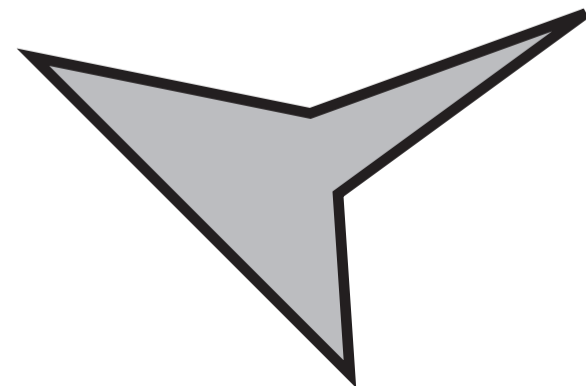
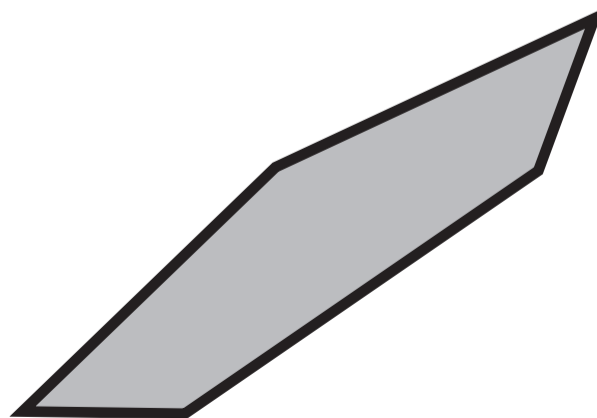
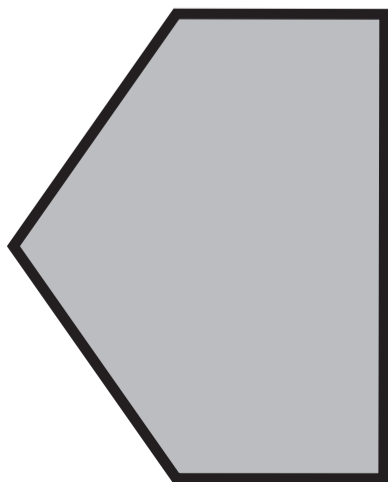
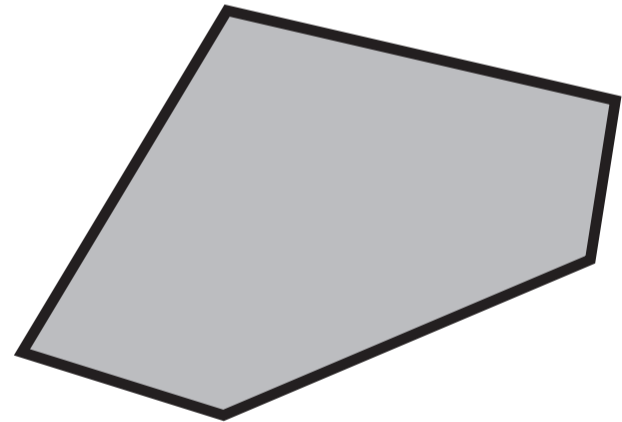
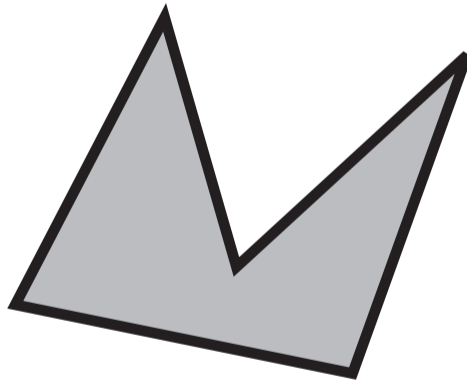
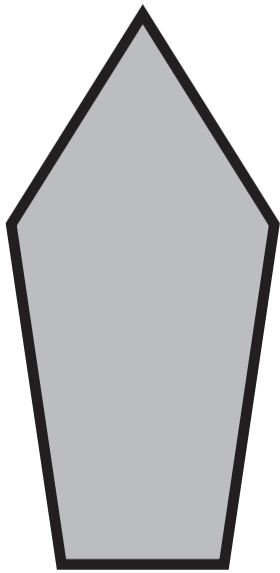
not a polygon



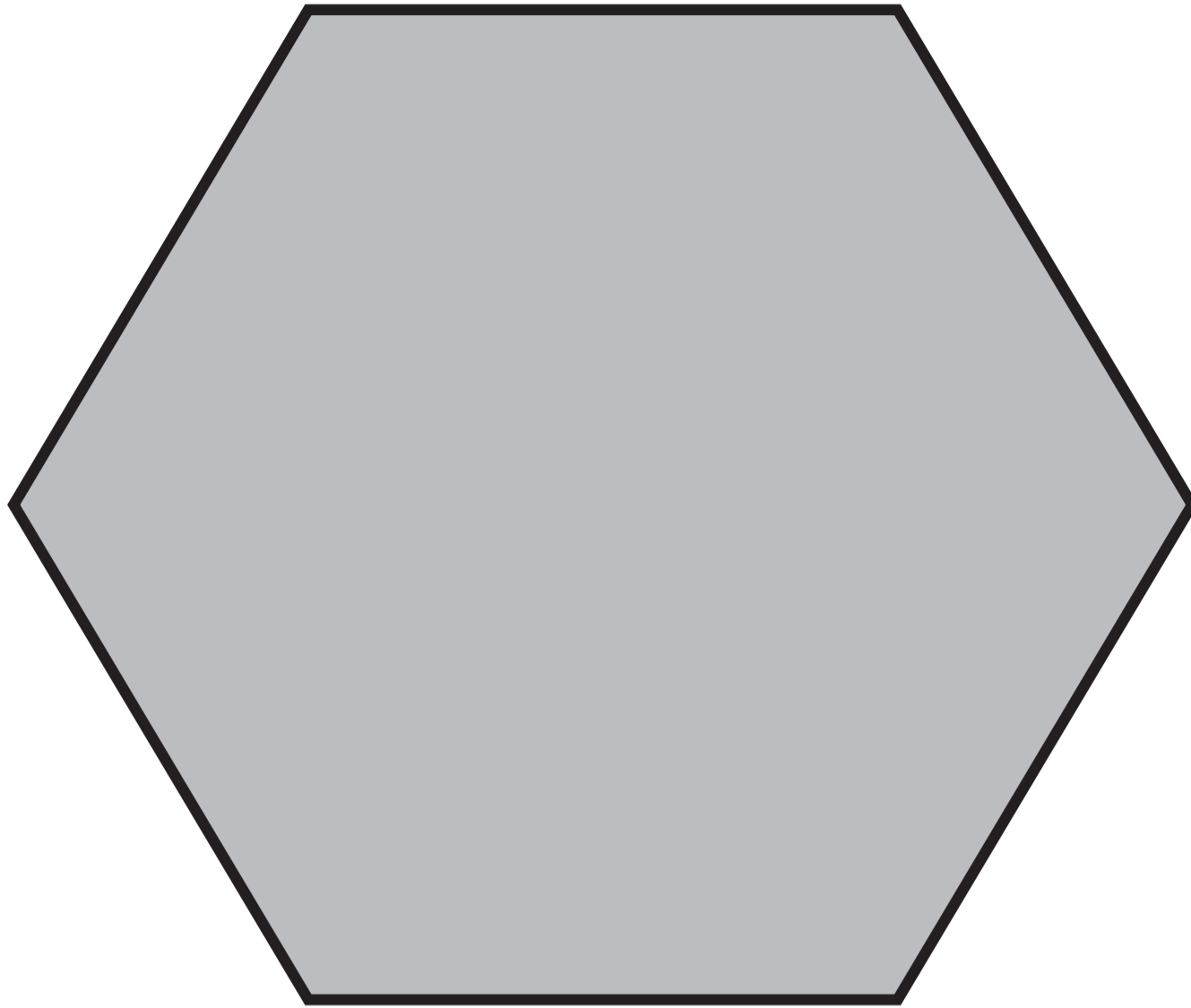
A pentagon is a polygon with five sides



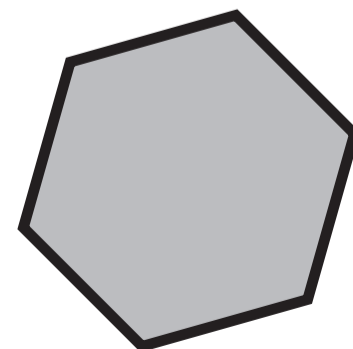
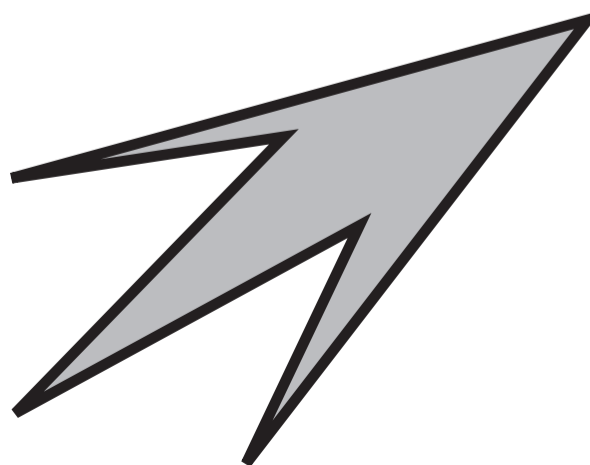
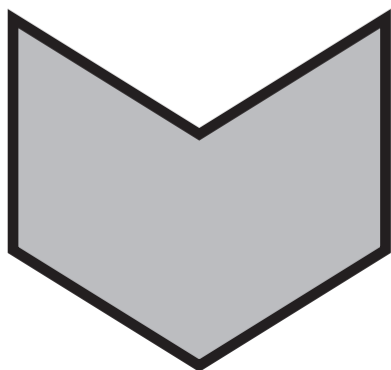
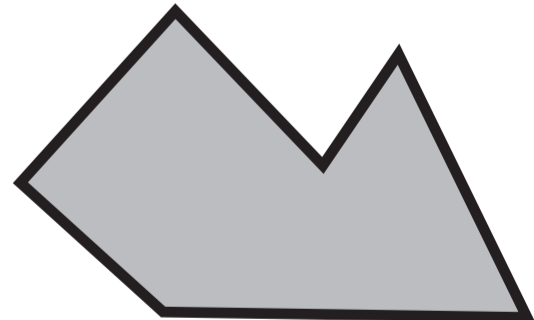
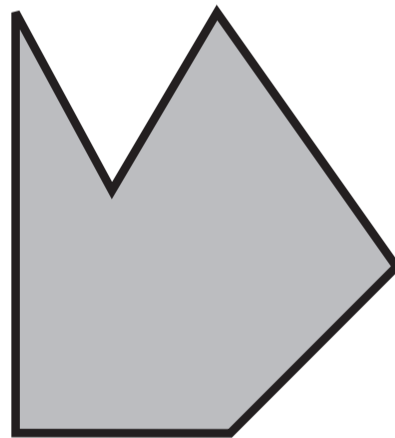
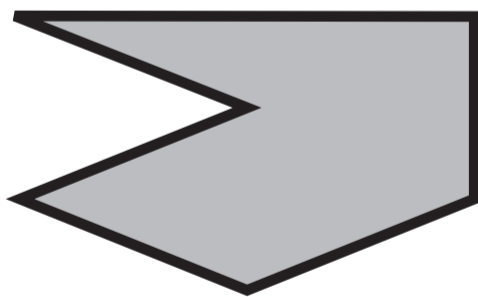
Penta means five

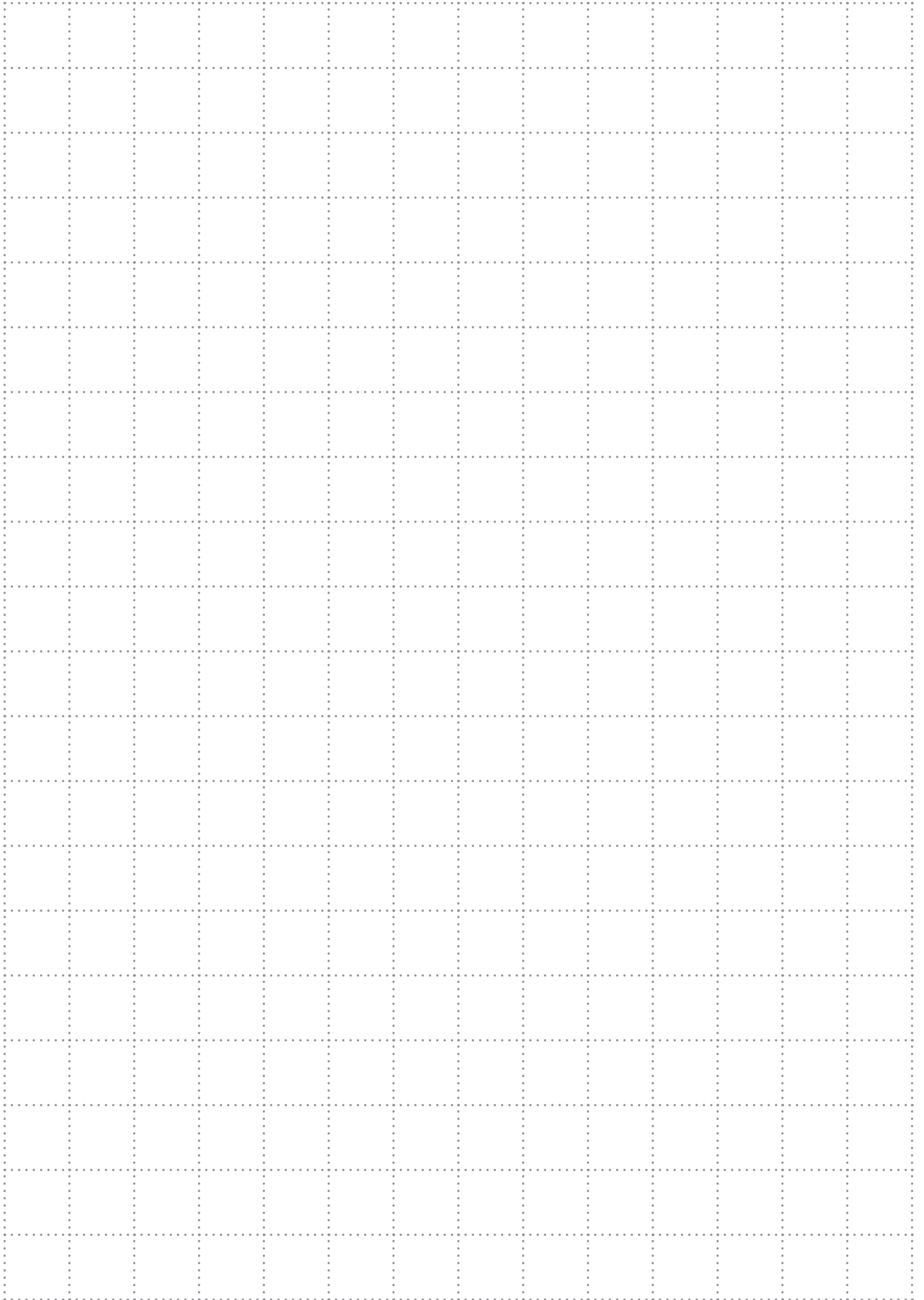


A hexagon is a polygon with six sides

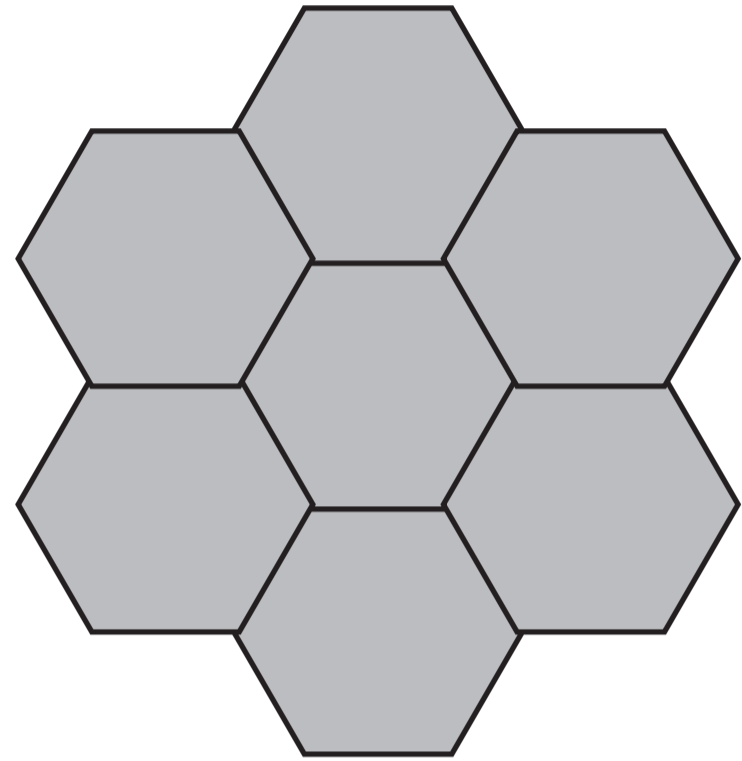
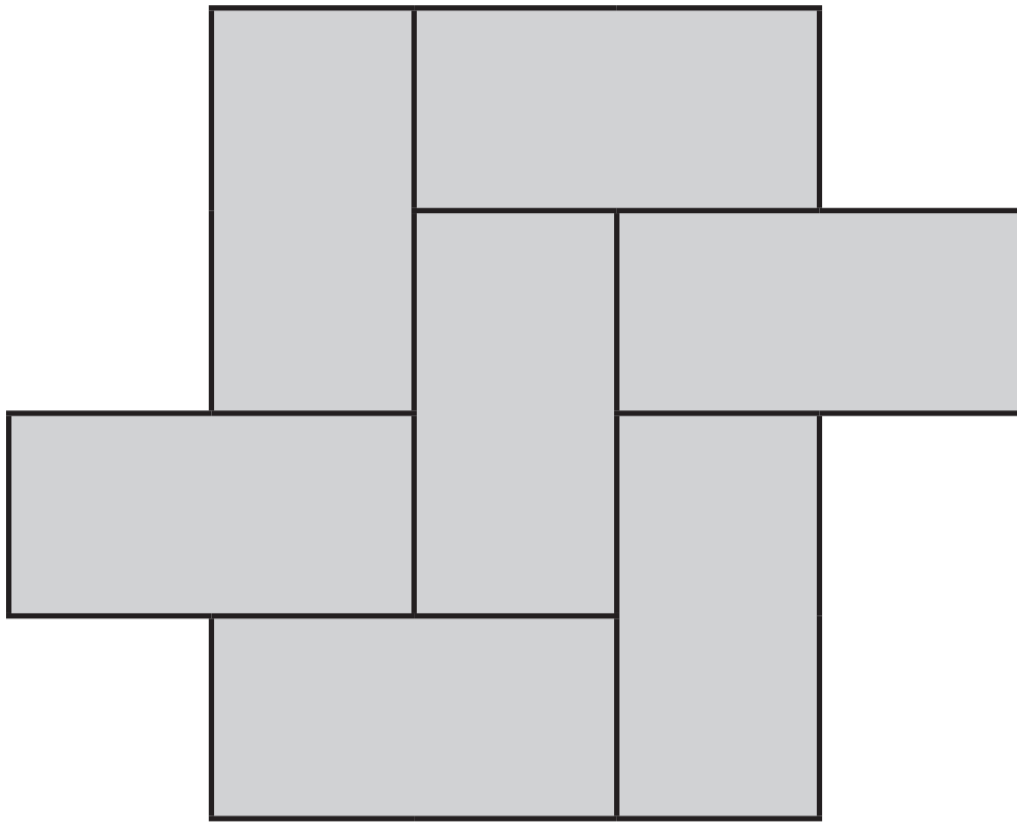


Hexa means six

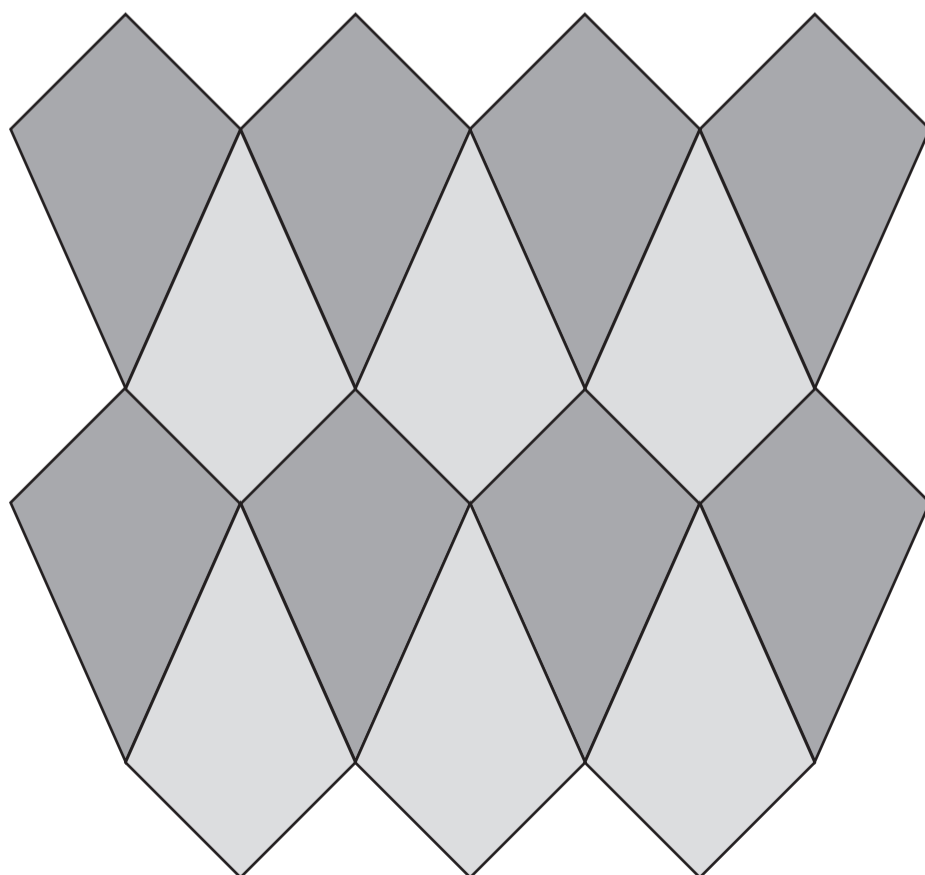




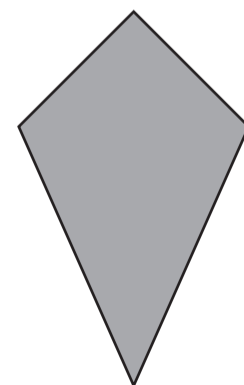
Tessellations



When shapes fit together to make a pattern with no gaps and no overlaps, a tessellation is formed.












This quadrilateral was used to make the tessellation:



The shape used to make a tessellation is called a tile.

8					
7					
6					
5					
4					
3					
2					
1					
	A	B	C	D	E

This is a map of a park.

9									
8				Braai area				Shop	
7									
6						Play area			
5	Toilets					 Swings	 pool		
4							 table		
3						 table			
2		 table			 table			Parking area	
1							Gate	area	
	A	B	C	D	E	F	G	H	I

whole

$$\frac{1}{2}$$

$$\frac{1}{4}$$

$$\frac{1}{8}$$

$$\frac{1}{8}$$

$$\frac{1}{4}$$

$$\frac{1}{8}$$

$$\frac{1}{8}$$

$$\frac{1}{2}$$

$$\frac{1}{4}$$

$$\frac{1}{8}$$

$$\frac{1}{8}$$

$$\frac{1}{4}$$

$$\frac{1}{8}$$

$$\frac{1}{8}$$

whole

$$\frac{1}{3}$$

$$\frac{1}{6}$$

$$\frac{1}{9}$$

$$\frac{1}{9}$$

$$\frac{1}{6}$$

$$\frac{1}{9}$$

$$\frac{1}{3}$$

$$\frac{1}{6}$$

$$\frac{1}{9}$$

$$\frac{1}{9}$$

$$\frac{1}{6}$$

$$\frac{1}{9}$$

$$\frac{1}{3}$$

$$\frac{1}{6}$$

$$\frac{1}{9}$$

$$\frac{1}{9}$$

$$\frac{1}{6}$$

$$\frac{1}{9}$$

whole

$$\frac{1}{5}$$

$$\frac{1}{5}$$

$$\frac{1}{5}$$

$$\frac{1}{5}$$

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$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

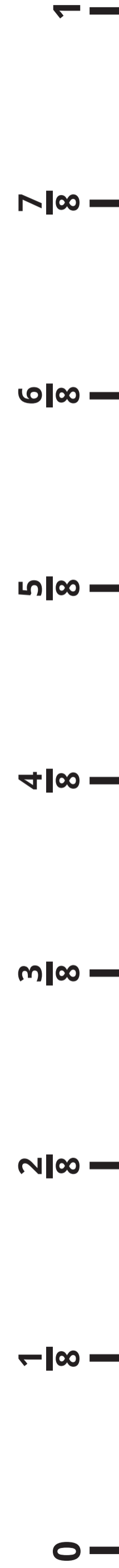
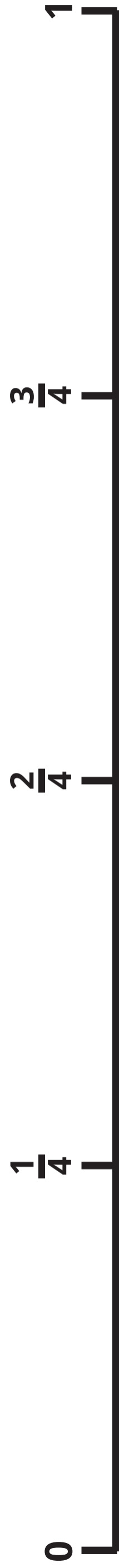
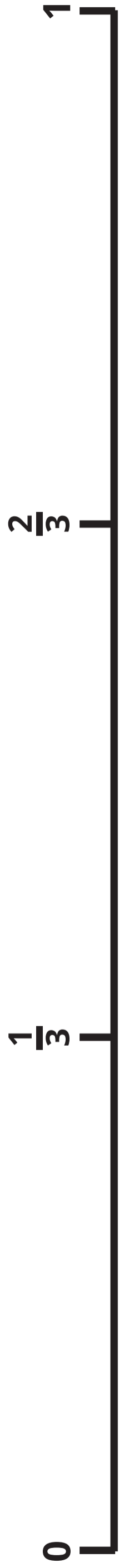
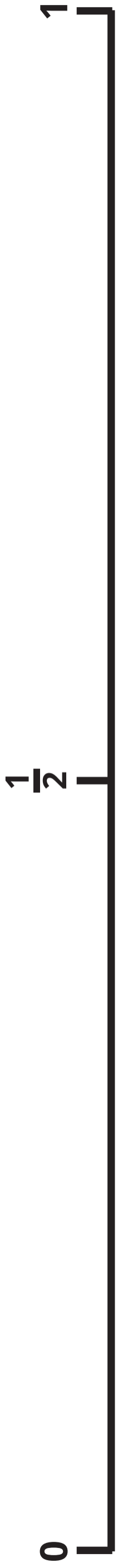
$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$

$$\frac{1}{10}$$



whole							
$\frac{1}{2}$				$\frac{1}{2}$			
$\frac{1}{3}$			$\frac{1}{3}$			$\frac{1}{3}$	
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$	
$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$	
$\frac{1}{7}$		$\frac{1}{7}$		$\frac{1}{7}$		$\frac{1}{7}$	
$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$	

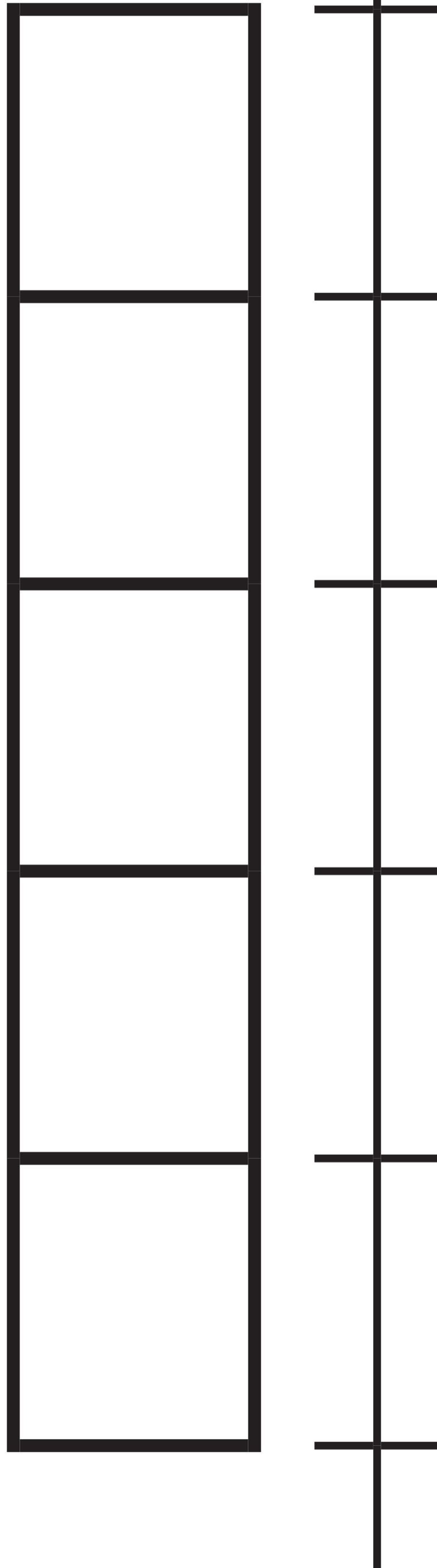
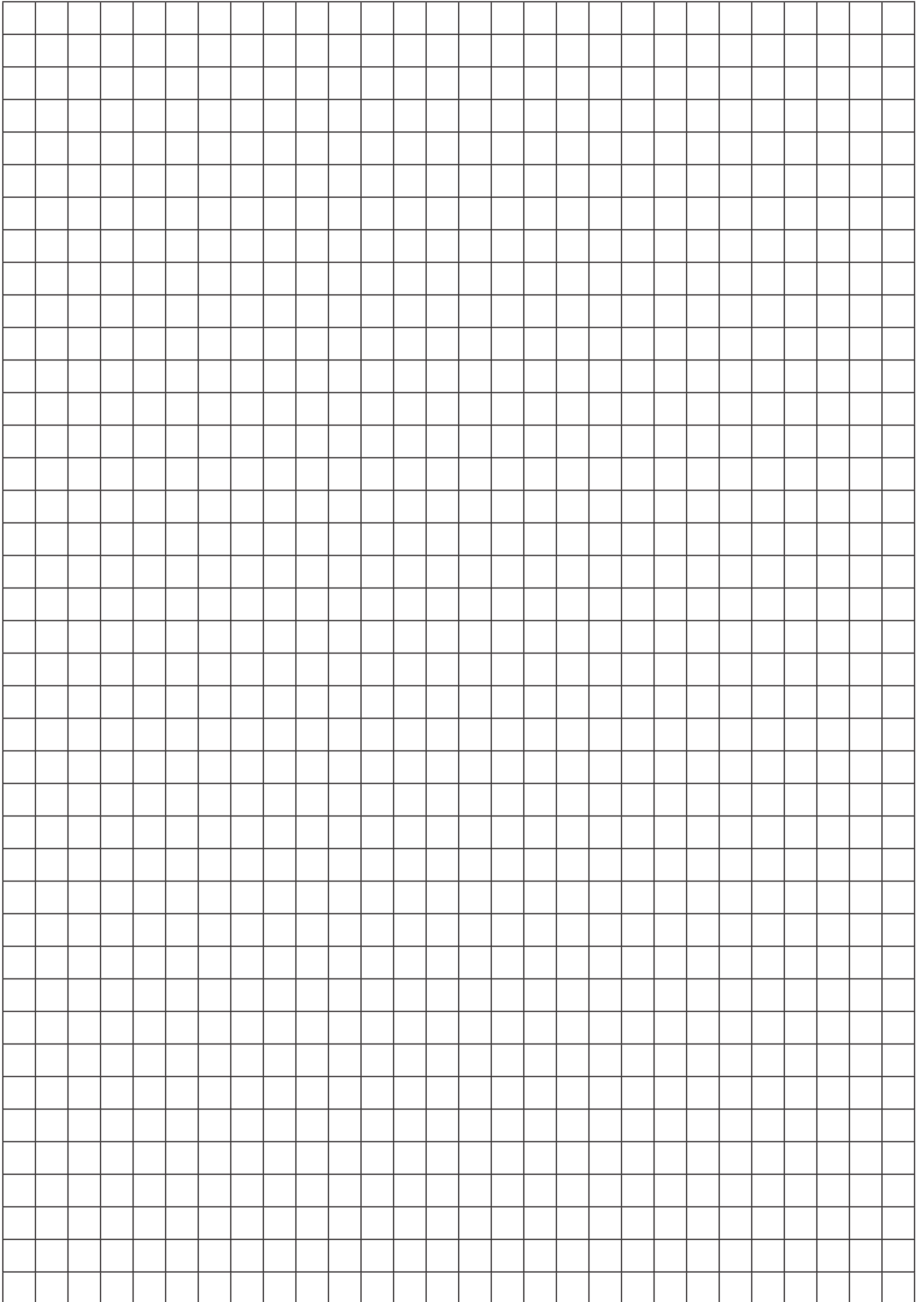
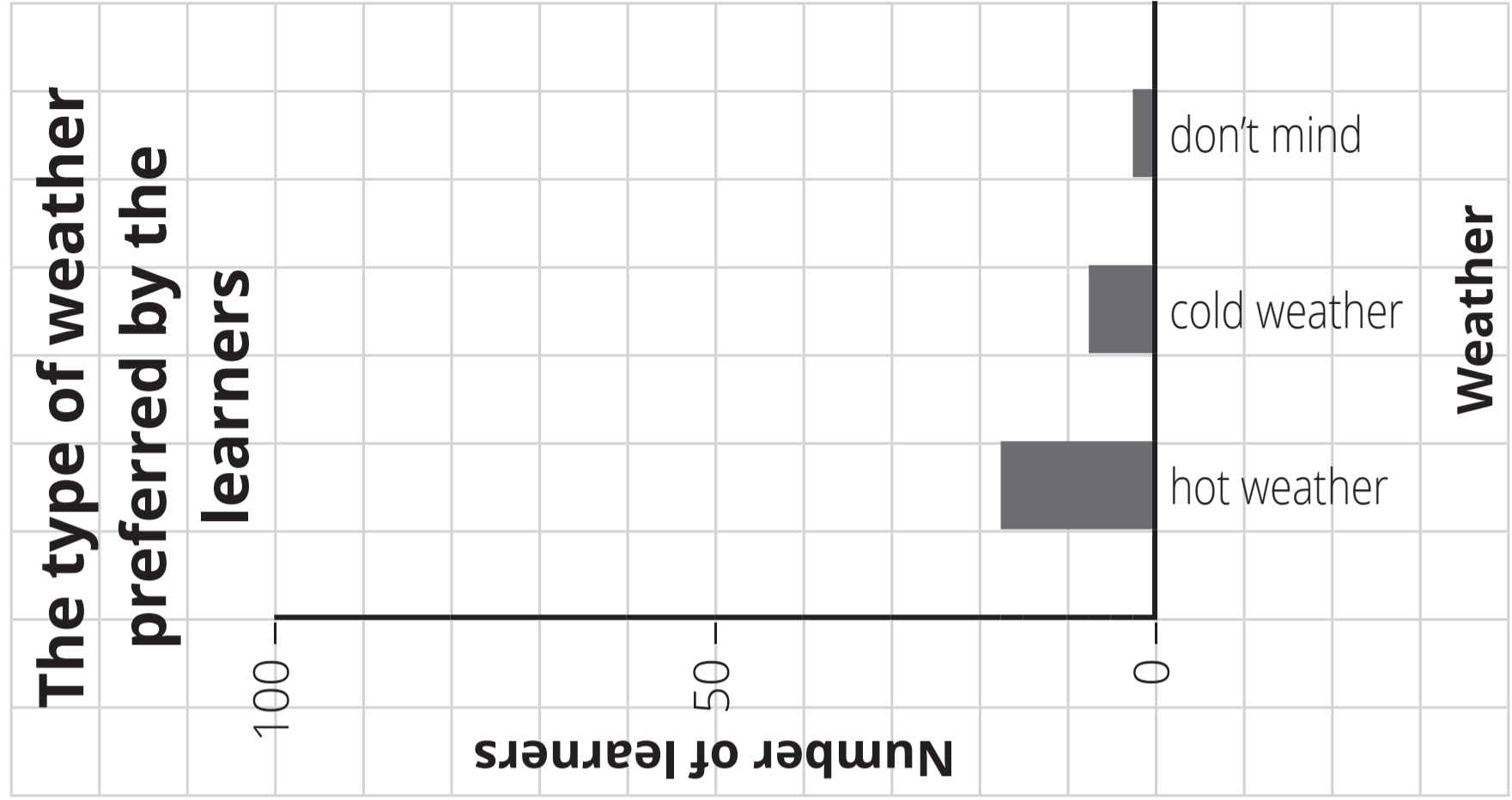
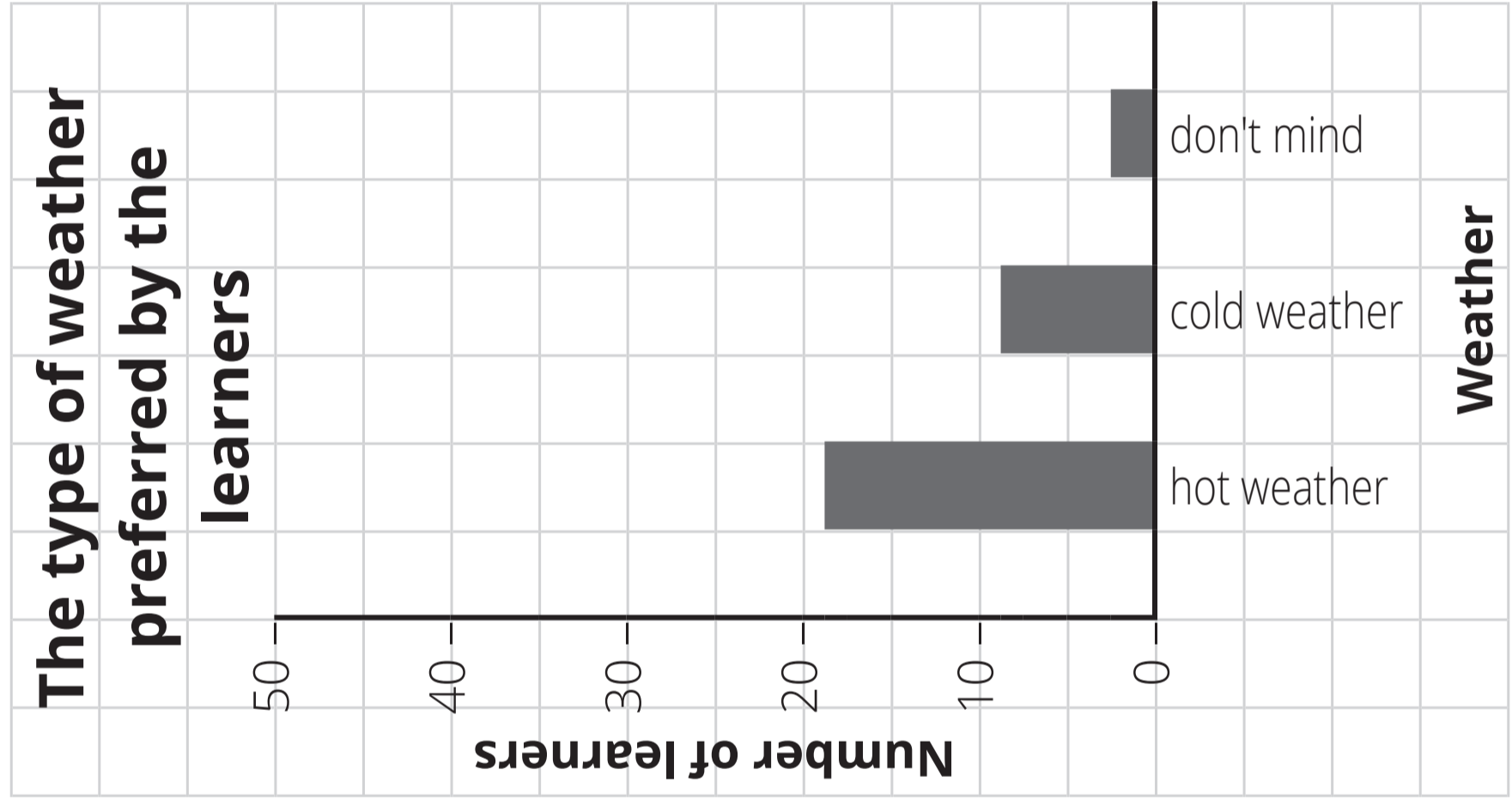
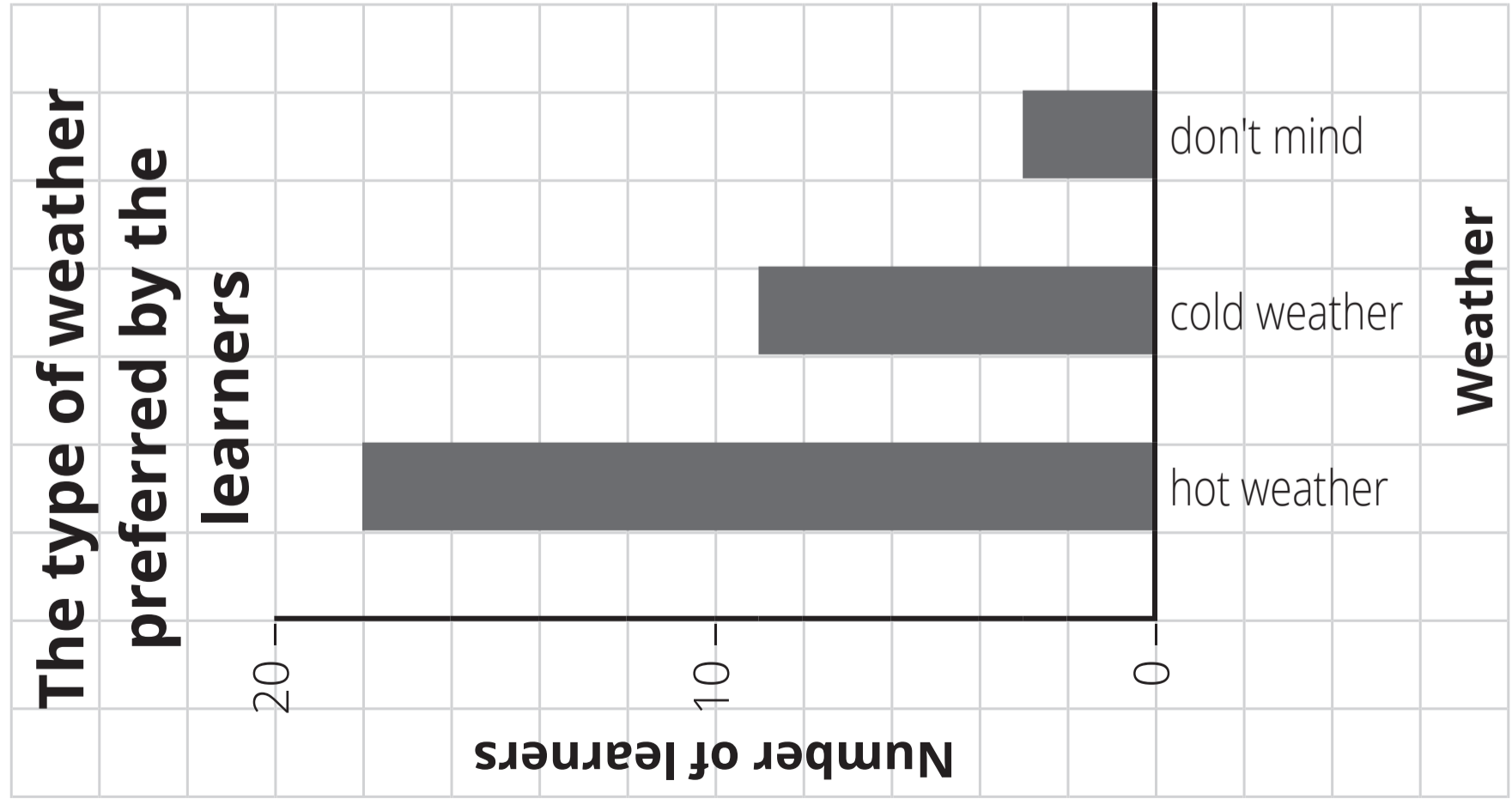


Table showing distances, in kilometres, between places in South Africa

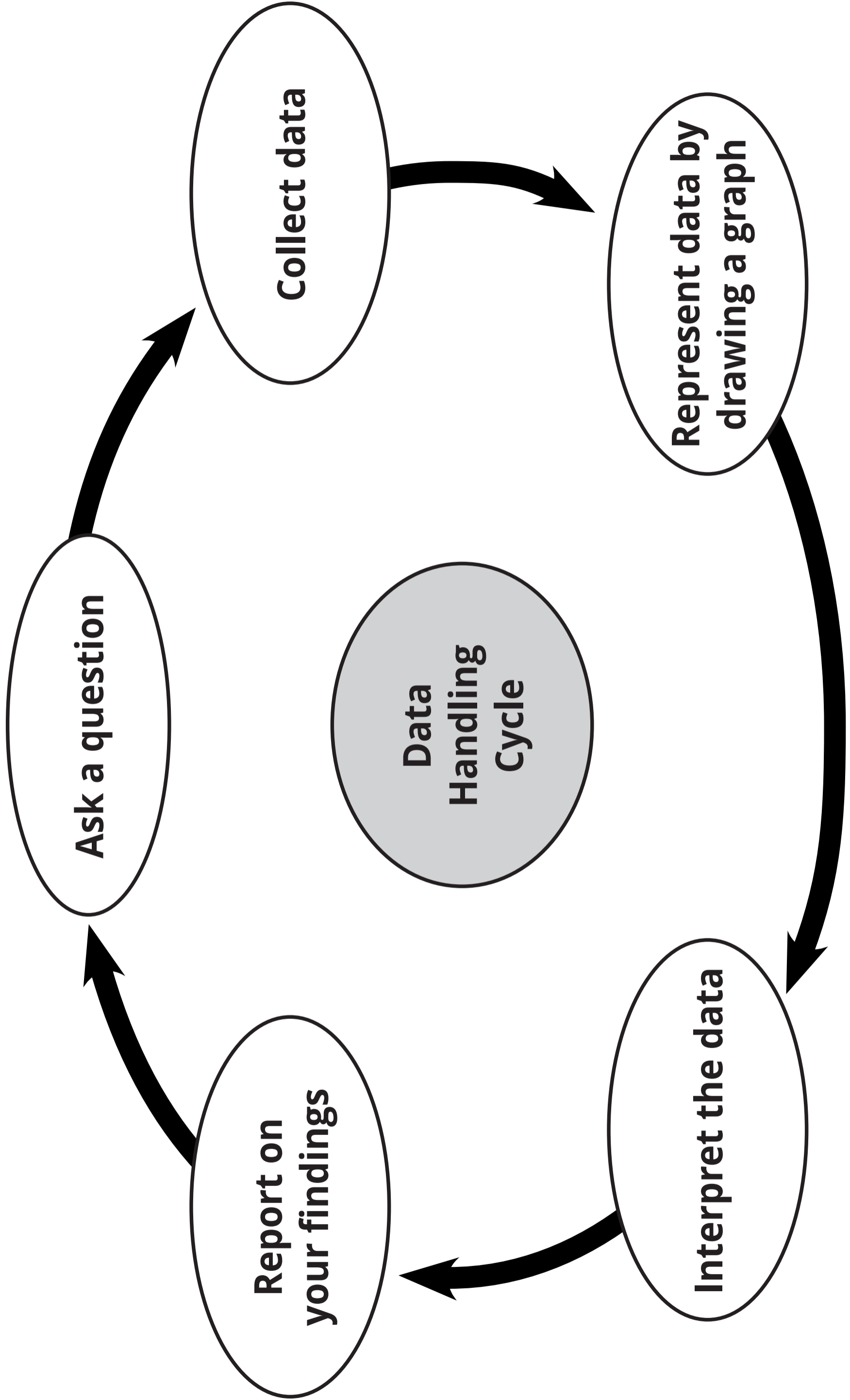
		Pretoria	
	Port Elizabeth	1120	
	Polokwane	1393	273
	Mbombela	320	342
	Mafikeng	589	292
	Kimberley	360	532
	Johannesburg	467	58
	East London	992	1050
	Durban	667	656
	Cape Town	1660	7463
	Bloemfontein	998	475
		748	
		771	
		427	
		175	
		417	
		575	
		667	
		842	
		859	
		689	
		929	
		927	
		300	
		1323	
		1214	
		358	
		331	
		1062	
		805	
		752	
		1122	
		565	
		320	
		1373	
		1393	
		1120	



Learners' preferred weather



The data handling cycle



	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100