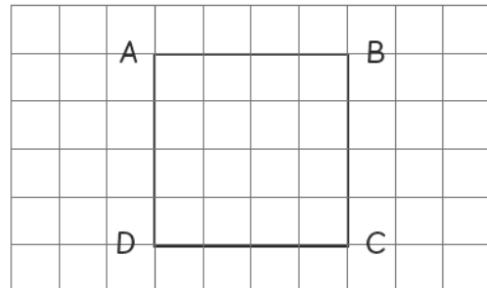


Worksheet 9

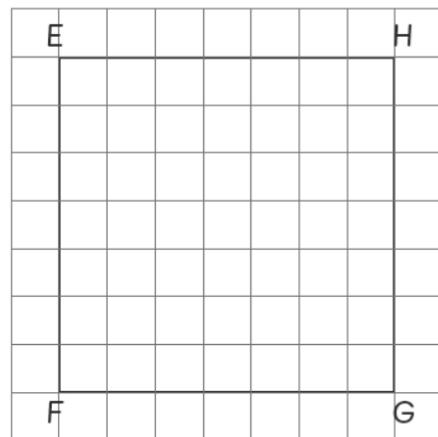
Using Algebra to Describe Position

- 1 The sides of square ABCD are 4 units long. Complete the table.



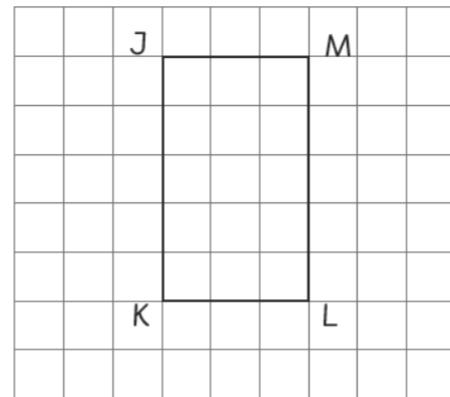
point	A	B	C	D
coordinates	(m, n)	$(m + 4, n)$	$(m + 4, n - 4)$	$(m, n - 4)$

- 2 The sides of square EFGH are 7 units long. Complete the table.



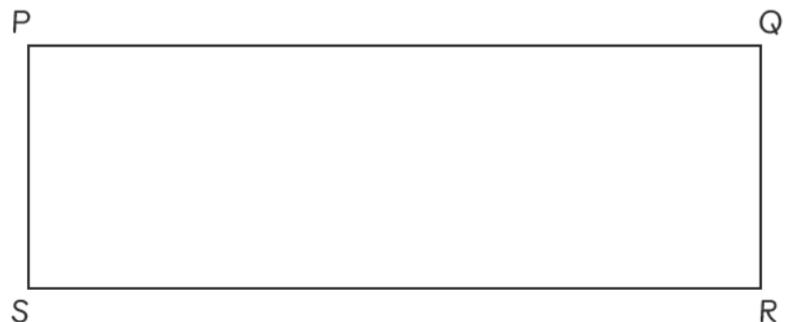
point	E	F	G	H
coordinates	$(10, p)$	$(10, p - 7)$	$(17, p - 7)$	$(17, p)$

- 3 In rectangle JKLM, the coordinates of K are $(s, t + 5)$. Complete the table.



point	J	K	L	M
coordinates	$(s, t + 10)$	$(s, t + 5)$	$(s + 3, t + 5)$	$(s + 3, t + 10)$

- 4 The sides of rectangle PQRS are 12 cm long and 4 cm long. Complete the table.



point	P	Q	R	S
coordinates	(x, y)	$(x + 12, y)$	$(x + 12, y - 4)$	$(x, y - 4)$