

Mathematics

Expressions, equations and inequalities

Perimeter expressions

Independent Task

Ms Jones



Try this

How many **different** triangles can you draw by connecting dots on this 3 dot by 3 dot grid?



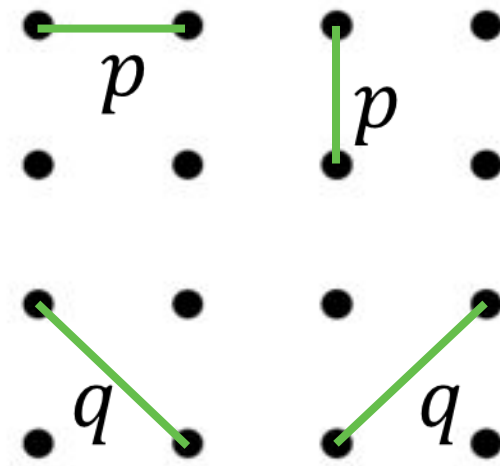
Independent task

1. Simplify the following expressions:

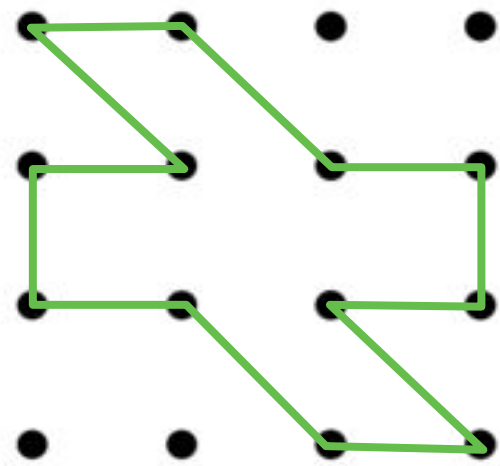
a) $p + p + p + p$

b) $n + 3m + 2n + 2m$

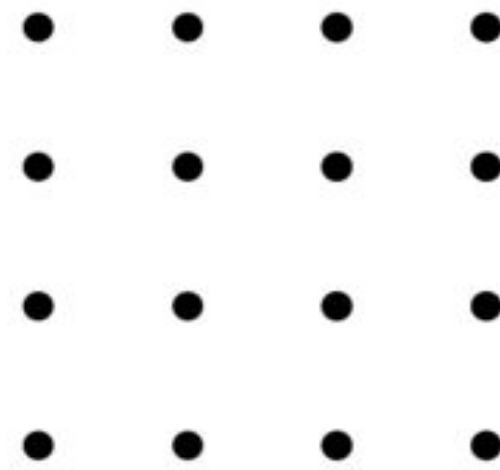
c) $x + 5y + 2 + 3x + 2y + 4$



2. Complete the missing information:



Perimeter: _____ = _____

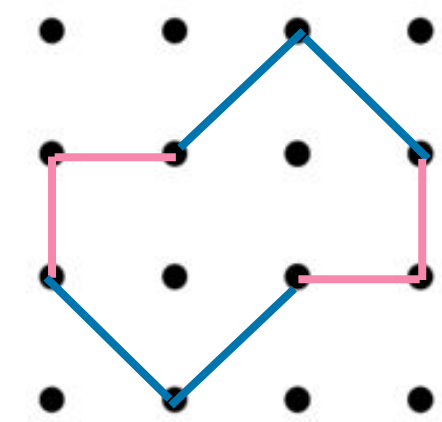


Perimeter: $6p + 6q = 6(p + q)$

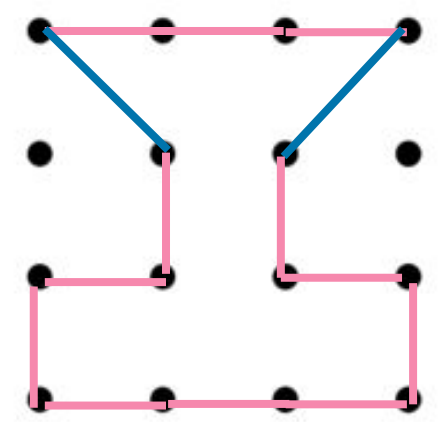



Explore

Match the expression to the shape with the corresponding perimeter.

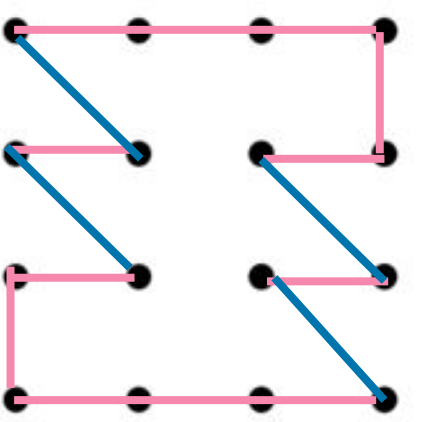


$12p + q$

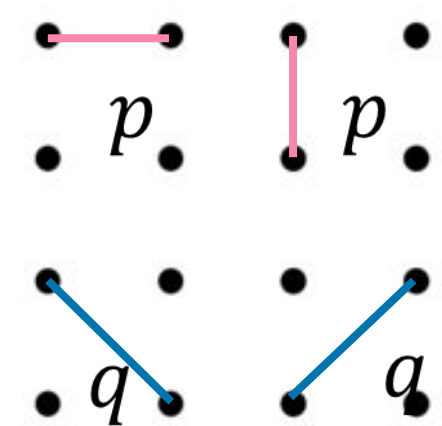




$2q + 12p$



$2(2p + 2q)$



You will need to draw the missing shape, and find the missing expression!

