

Homework Worksheet Grade VIIMathematics

Name: _____

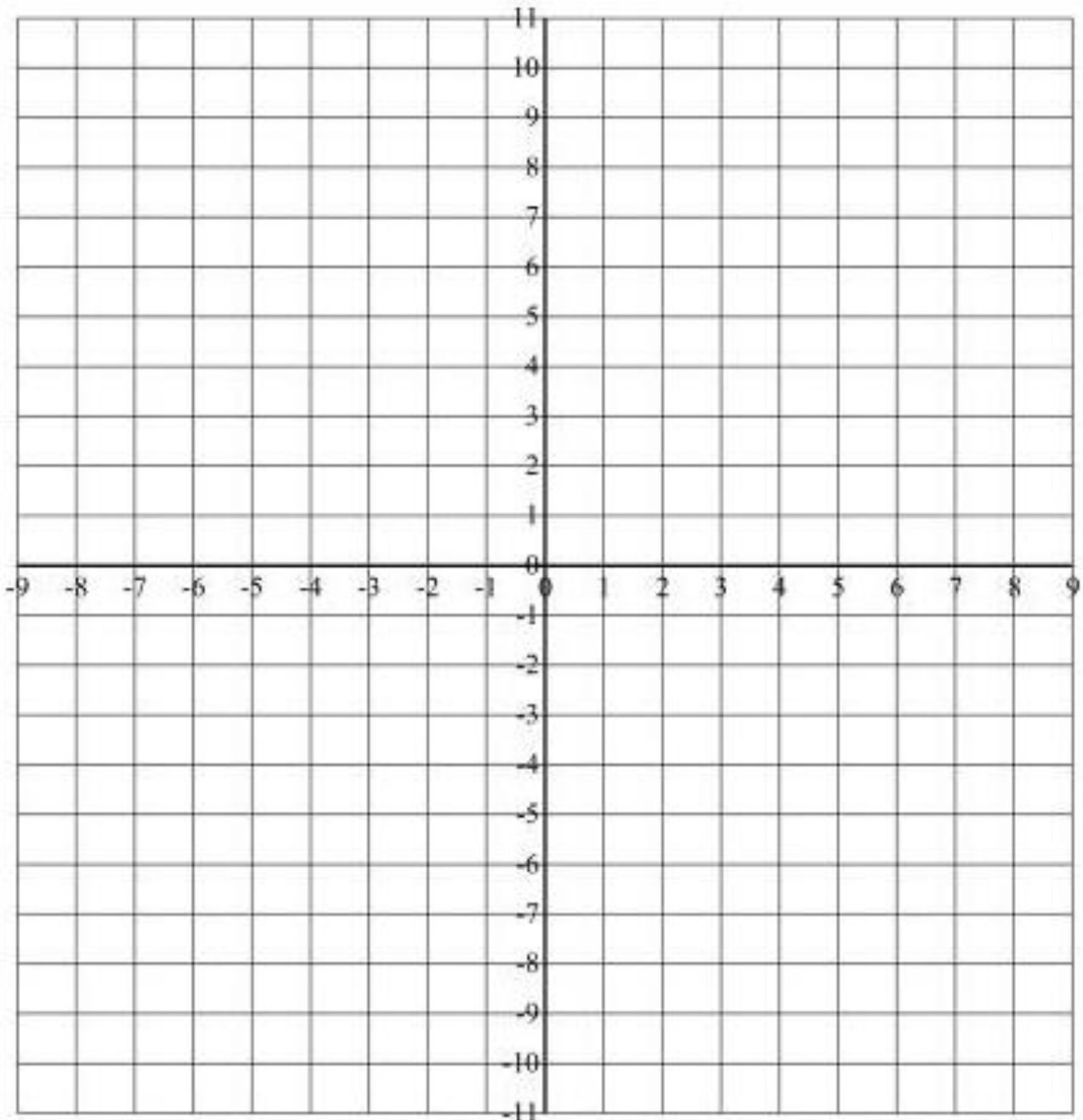
Date: _____

Grade: _____

Section: _____

Plot the coordinate points below.

$(-4, 10)$ $(7, -9)$ $(0, 9)$ $(-8, 6)$ $(-4, -6)$ $(6, 5)$ $(-3, -1)$ $(5, 5)$
 $(-5, 6)$ $(-3, -6)$ $(-1, -6)$ $(5, 9)$ $(8, 6)$ $(1, 5)$ $(-4, 9)$ $(2, 8)$



Q2) When 7 is subtracted from three times a certain number, the result is 28. Find the number.

Q3) The length of a rectangle is twice the width. If the perimeter is 20cm, find the dimensions of the rectangle.

Q4) The sum of four consecutive numbers is 90. Find the numbers.

Q5) Solve the following:

a) $3^2 \times 3^4 = \underline{\hspace{2cm}}$

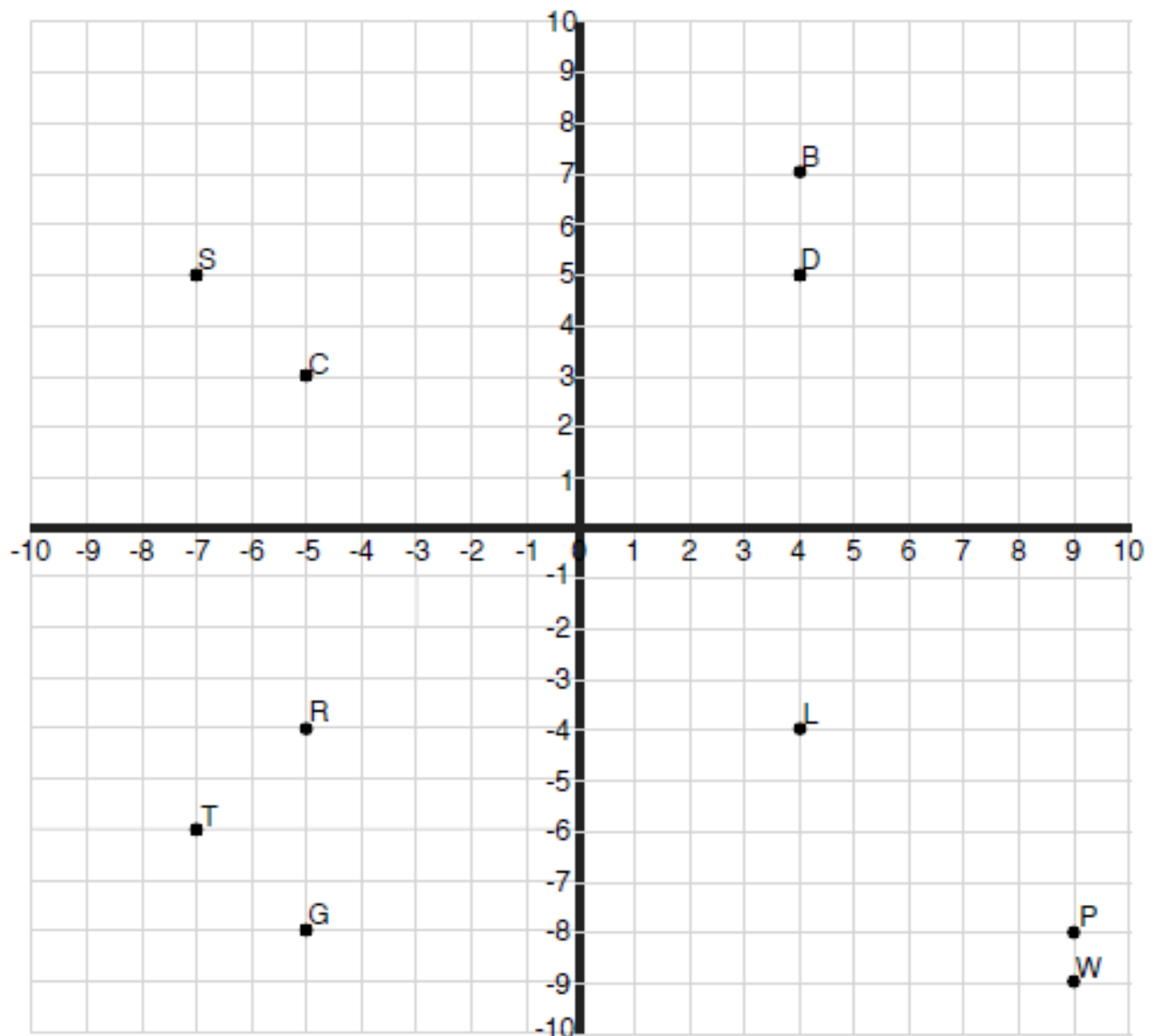
b) $p^5 \times p^8 = \underline{\hspace{2cm}}$

c) $y^{12} \div y^9 = \underline{\hspace{2cm}}$

d) $\frac{x^5 \times x^7}{x} = \underline{\hspace{2cm}}$

e) $\frac{(2a^2b)^3}{2a^5} = \underline{\hspace{2cm}}$

Write down the co-ordinates of these English Islands. Remember... 'You have to walk before you can jump!'



Barrow Island (4, 7)

Lundy

Canvey Island

Portsea Island

Drake's Island

Roa Island

Staple Island

Thorney Island

Green Island

Walney Island

Hint: B is for Barrow Island, L is for Lundy etc