

Name _____

Date _____

Maths vocabulary — worksheet

40 tasks in five styles, covering every key word in Unit 1.

A · Unscramble the term — Rearrange the letters to make the term that matches the definition.

1 socroidanet

A pair of numbers fixing a position.

Example: $(3, -2)$.

2 irogin

The point $(0, 0)$ where the axes cross.

Example: Everything is measured from it.

3 nuqdaart

One of the four regions the axes make.

Example: Quadrant 1 is top right.

4 nrgdaeit

How steep a line is; the number in front of x .

Example: 3 in $y = 3x + 2$.

5 nimpdiot

The point exactly halfway between two others.

Example: Average both coordinates.

6 eaparlll

Lines with the same gradient.

Example: They never meet.

7 olpt

Mark points on a grid.

Example: Then join them with a ruler.

8 ecsla

What one square on an axis is worth.

Example: Check it before reading.

B · Fill in the gaps — Use a word from the box to complete each sentence.

- 9 A pair of numbers fixing a position is called _____.
Word box: ☐
-
- 10 The point (0, 0) where the axes cross is the _____.
Word box: ☐
-
- 11 Each of the four regions the axes make is a _____.
Word box: ☐
-
- 12 The number in front of x, showing steepness, is the _____.
Word box: ☐
-
- 13 Where a line crosses the y-axis is the _____.
Word box: ☐
-
- 14 Lines with the same gradient are _____.
Word box: ☐
-
- 15 What one square on an axis is worth is the _____.
Word box: ☐
-
- 16 The point exactly halfway between two others is the _____.
Word box: ☐
-

C · Choose the correct ending — Pick the reason that correctly finishes each sentence.

- 17 (3, 5) and (5, 3) are different points because ...
☐ they use different numbers
☐ coordinates are written in a fixed order, x then y
☐ one is bigger
- 18 A conversion graph passes through the origin because ...
☐ all graphs do
☐ zero of one unit is zero of the other
☐ it looks neater
- 19 A taxi-fare graph does not pass through the origin because ...
☐ taxis are expensive
☐ there is a fixed charge before you travel
☐ the graph is curved
- 20 A flat section on a distance–time graph means ...
☐ moving slowly
☐ not moving at all
☐ moving backwards

- 21 Two lines with the same gradient never meet because ...
- ☐ they are short
 - ☐ they rise at exactly the same rate
 - ☐ they are vertical
- 22 You plot a third point when drawing a line because ...
- ☐ two is not enough to fix a line
 - ☐ it checks the first two
 - ☐ the graph looks better

D · Match the definition — Type the term that matches each definition.

- 23 Which term means: *A pair of numbers fixing a position.*
-
- 24 Which term means: *The first number: how far across.*
-
- 25 Which term means: *The second number: how far up or down.*
-
- 26 Which term means: *The point (0, 0) where the axes cross.*
-
- 27 Which term means: *One of the four regions the axes make.*
-
- 28 Which term means: *The point exactly halfway between two others.*
-
- 29 Which term means: *How steep a line is; the number in front of x.*
-
- 30 Which term means: *Where a line crosses the y-axis.*
-
- 31 Which term means: *A graph for changing units.*
-
- 32 Which term means: *Distance travelled against time.*
-
- 33 Which term means: *How much one quantity changes per unit of another.*
-
- 34 Which term means: *What one square on an axis is worth.*
-

E · Reading graph questions — What the instruction words are asking for.

- 35 A question says “plot the graph of $y = 2x + 1$ ”. What must you do first?
- ☐ Draw the line
 - ☐ Make a table of values
 - ☐ Guess two points
 - ☐ Label the axes only

- 36** A question says “state the coordinates of P”. How should you write the answer?
- ☐ 3 and 2
 - ☐ (3, 2)
 - ☐ $x = 3$
 - ☐ 3, 2 up
- 37** A question says “what does the gradient represent?” on a distance–time graph. What is the answer?
- ☐ The distance
 - ☐ The time
 - ☐ The speed
 - ☐ The stop
- 38** A question says “use the graph to estimate”. What is expected?
- ☐ An exact answer
 - ☐ A value read from the graph, which may not be exact
 - ☐ A calculation only
 - ☐ A guess
- 39** What does “intercept” mean?
- ☐ The steepness
 - ☐ Where the line crosses an axis
 - ☐ The midpoint
 - ☐ The length
- 40** A question asks for a journey to be “described”. What should you mention?
- ☐ The colour of the line
 - ☐ Each section: speed, stops and returns
 - ☐ The title
 - ☐ The scale only