



Year 2 Mathematics

Maps & Position - Worksheet 47

Grid Coordinates

Name: _____ Date: _____

Section 1: Reading the Grid (Fluency)

Look at this grid carefully. Use it to answer the questions.

3			
2			
1			
	A	B	C

Question 1: What shape is at coordinate **B2**?

Answer: _____

Question 2: What shape is at coordinate **A3**?

Answer: _____

Question 3: What shape is at coordinate **C1**?

Answer: _____



Question 4: Is there anything at coordinate **A1**?

Answer: _____

Question 5: Which coordinate has the Star?

Answer: _____

Question 6: True or False: The Heart is at A3.

Circle your answer: TRUE FALSE

Map Master Pirate!

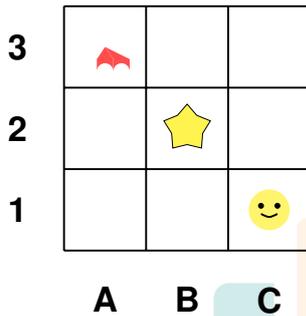


Why did the pirate love grids? Because he could find his treasure using COORDINATES!



Section 2: Finding & Drawing Coordinates (Reasoning)

Use the grid from Section 1 and answer these questions.



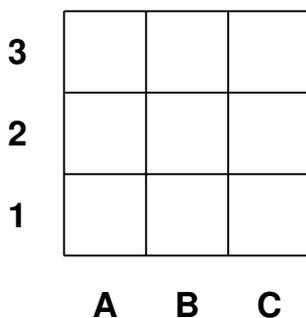
Question 7: Write the coordinate where the Heart is located.

Answer: _____

Question 8: Write the coordinate where the Smiley face is located.

Answer: _____

Question 9: Draw a Circle at coordinate **A1** on this grid:



Question 10: Draw a Triangle at coordinate **C3** on this grid:



3			
2			
1			
	A	B	C

Question 11: Which letter column has the Heart: A, B, or C?

Answer: _____

Question 12: Which number row has the Star: 1, 2, or 3?

Answer: _____

Coordinate Compass Champion!



Why did the compass love coordinates? Because it always POINTED in the right direction!



Section 3: Grid Movements Challenge

Follow the movement instructions carefully.

Question 13: Start at coordinate **A1**. Move 1 square to the Right. Where are you now?

Answer: _____

Question 14: Start at coordinate **C3**. Move 1 square Down. Where are you now?

Answer: _____

Question 15: Start at coordinate **B1**. Move 1 square Up. Where are you now?

Answer: _____

Question 16: Start at coordinate **C2**. Move 1 square to the Left. Where are you now?

Answer: _____

Question 17: Start at **A1**. Move Right 2 squares. Where are you now?

Answer: _____



Question 18: Start at **B3**. Move Down 2 squares. Where are you now?

Answer: _____

Question 19: If you are at **B2**, which square is directly above you?

Answer: _____

Question 20: True or False: Moving Right changes the letter.

Circle your answer:

TRUE

FALSE

Position Pro Pin!



What stays in the corner but goes around the world? A STAMP!



Answer Key

Worksheet 47: Grid Coordinates

Section 1: Reading the Grid

1. **Star** (at B2)
2. **Heart** (at A3)
3. **Smiley face** (at C1)
4. **No / Nothing** (A1 is empty)
5. **B2** (Star is at B2)
6. **TRUE** (Heart is at A3)

Section 2: Finding & Drawing Coordinates

7. **A3** (Heart's coordinate)
8. **C1** (Smiley face's coordinate)
9. Draw a Circle at **A1** (bottom-left square)
10. Draw a Triangle at **C3** (top-right square)
11. **A** (Heart is in column A)
12. **2** (Star is in row 2)

Section 3: Grid Movements Challenge

13. **B1** ($A1 + 1$ right = B1)
14. **C2** ($C3 - 1$ down = C2; note: "down" means to a lower row number)



15. **B2** ($B1 + 1$ up = B2)
16. **B2** ($C2 - 1$ left = B2)
17. **C1** ($A1 + 2$ right = C1)
18. **B1** ($B3 - 2$ down = B1)
19. **B3** (directly above B2 is B3)
20. **TRUE** (moving right changes letter: $A \rightarrow B \rightarrow C$)





Year 2 Mathematics

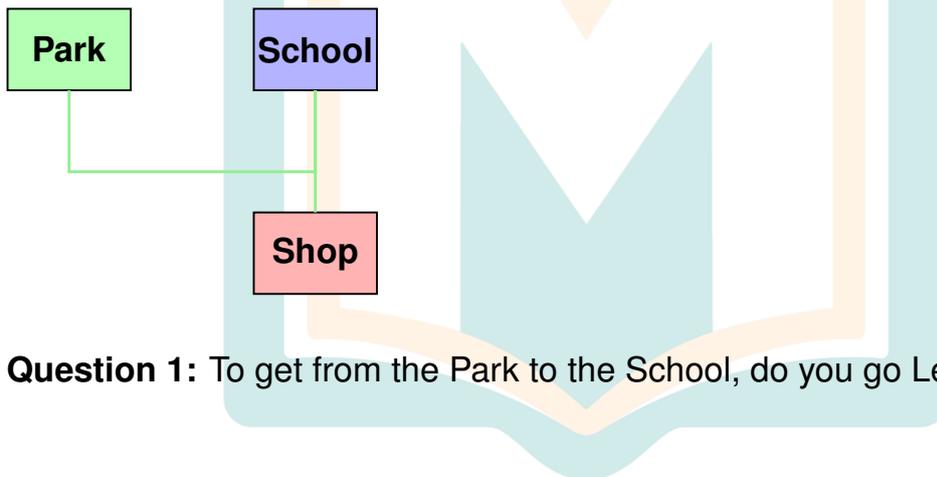
Maps & Position - Worksheet 48

Directions & Pathways

Name: _____ Date: _____

Section 1: Following Instructions (Fluency)

Look at this simple map and answer the questions.



Question 1: To get from the Park to the School, do you go Left or Right?

Answer: _____

Question 2: To get from the School to the Shop, do you go Up or Down?

Answer: _____

Question 3: Which building is closest to the Shop?

Answer: _____



Question 4: Draw the path from the Park to the Shop on the map above.

Question 5: How many buildings are on this map?

Answer: _____ buildings

Question 6: True or False: The School is between the Park and the Shop.

Circle your answer: TRUE FALSE



Direction Detective!

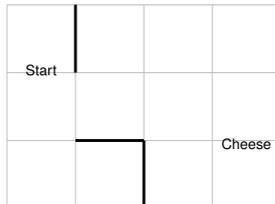
Why did the map go to school? To learn about DIRECTION!



Section 2: Writing Directions (Reasoning)

Help navigate using directions!

Question 7: Look at this simple maze:



Fill in the blank: To get from the mouse to the cheese:
Go Right 1, Go Down _____, Go Right 2, Go Down _____

Question 8: Describe in words: How do you get from the Park to the School using the map in Section 1?

Answer: _____

Question 9: If you start facing North and turn Left, which direction are you facing?

Answer: _____

Question 10: Complete: Forward means _____. Backward means _____.

Question 11: Draw arrows to show the path: Start → Right → Up → Right



Question 12: True or False: "Turn around" means turn 180 degrees (half turn).

Circle your answer:

TRUE

FALSE



Pathway Robot!

Why did the robot love giving directions? Because it was PRO-GRAMMED to help!



Section 3: Map Interpretation Challenge

Think carefully about these position questions.

Question 13: Ben is facing the School on our map. He does a half turn (180°). What is he facing now?

Answer: _____

Question 14: Emma is at the Park. She walks to the School, then to the Shop. How many places did she visit?

Answer: _____ places

Question 15: Draw a simple treasure map with an 'X' marks the spot:



Question 16: Position words: Circle the correct word.

"The Shop is (NEAR / FAR) from the School."

Question 17: If I turn Right, then Right again, I have turned a total of how many degrees?



Answer: _____ degrees

Question 18: Label these on a map: Draw a House, a Tree, and a Road connecting them.



Question 19: True or False: A map helps us find our way.

Circle your answer: TRUE FALSE

Question 20: What do we call the lines on a map that show where to walk?

Answer: _____



Navigation Champion!

What did the map say to the explorer? "I'll show you the WAY!"



Answer Key

Worksheet 48: Directions & Pathways

Section 1: Following Instructions

1. **Right** (Park is on left, School is on right)
2. **Down** (School is above Shop)
3. **School** (School is directly above Shop)
4. Draw a path: Park → down → right → down to Shop (following the existing green paths)
5. **3 buildings** (Park, School, Shop)
6. **TRUE** (if considering vertical alignment; School is in the middle position)

Section 2: Writing Directions

7. Go Right 1, Go Down 1, Go Right 2, Go Down 1 (or similar valid path avoiding walls)
8. **Go down, then go right** (or "Go right from the Park to reach the School via the path")
9. **West** (turning left from North faces West)
10. Forward means **ahead/in front**. Backward means **behind/reverse**.
11. Drawing should show: Starting point → arrow right → arrow up → arrow right
12. **TRUE** (180 degrees is a half turn / turn around)

Section 3: Map Interpretation Challenge



13. **Away from the School / Opposite direction** (180° turn means facing opposite)
14. **3 places** (Park + School + Shop = 3)
15. Drawing should include: basic map features with an X marking treasure location
16. **NEAR** (Shop is directly below School, so they are close/near)
17. **180 degrees** (two 90° right turns = 180°)
18. Drawing should show: a house, a tree, and a line/road connecting them with labels
19. **TRUE** (maps help us navigate and find our way)
20. **Paths** or **Roads** or **Routes** (lines showing where to walk)

Excellent Work, Navigation Experts!

You can read maps, use coordinates, and follow directions!