

# ACTIVITY SHEET 3.1 - OUR BOARD GAME DESIGN INVESTIGATION

Board game investigated:

BOARD GAME DESIGN	
QUESTIONS	ANSWERS
1. The length of the board game is...	
2. The width of the board game is...	
3. The perimeter of the board game is...	
4. The area of the board game is...	
5. The diameter of the circles on the board are...	
6. The radius of those circles are...	
7. The other shapes on the board are...	
8. The most prominent shape in the board design is...	
9. The fraction of the most prominent shape of the total shapes on the board is...	
10. The shape that has the most sides is...	
11. The number of rectangles on the board is...	
12. When we rule a line length ways through the middle of the board we..	<input type="checkbox"/> (a) have <input type="checkbox"/> (b) have not .....got a line of symmetry



David Williams, Forward

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Board game investigated:

PLAYING THE GAME	
QUESTIONS	ANSWERS
13. Is the game fair? If the game is played a lot of times by your team who would you expect to win most often?	
14. If you were starting first where would be a bad place to move? Explain.	
15. If you were starting second where would be a bad place to move? Explain.	
16. Can the game ever end in a draw? Why? Show how or explain why it can't.	
17. How long would it take to complete the game?	(a) In hours? <input type="text"/> (b) In minutes? <input type="text"/>

