

AFL Points Open-Ended Task

I can select and apply efficient mental and written math strategies to solve problems involving the four operations. (ACMNA123)

Here is a list of final scores for some AFL games. Calculate what the possible goals and behinds could be for each final score.

Use the AFL scoring system table to help you complete the calculations.

AFL Scoring System

Goal	6 points
Behind	1 point

Challenge

Calculate at least two different combinations of goals and behinds for each score.

Game # 1

Richmond 99 vs. Collingwood 80

combination 1 _____

combination 2 _____

Game # 2

Western Bulldogs 110 vs. Sydney Swans 87

combination 1 _____

combination 2 _____

Game # 3

Hawthorn 89 vs. Adelaide Crows 113

combination 1 _____

combination 2 _____

Game # 4

GWS 160 vs. Gold Coast Suns 58

combination 1 _____

combination 2 _____

Game # 5

Brisbane Lions 84 vs. Essendon 111

combination 1 _____

combination 2 _____

Game # 6

West Coast Eagles 116 vs. St. Kilda 97

combination 1 _____

combination 2 _____

Game # 7

Geelong 112 vs. North Melbourne 111

combination 1 _____

combination 2 _____

Game # 8

Melbourne 86 vs. Carlton 64

combination 1 _____

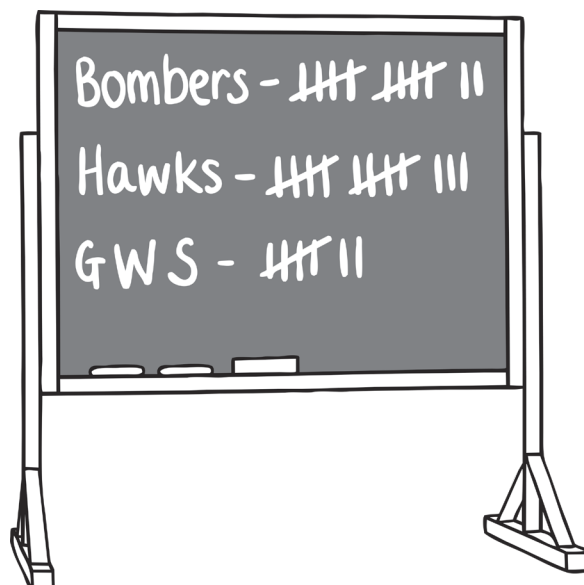
combination 2 _____

Game # 9

Port Adelaide 145 vs. Fremantle 56

combination 1 _____

combination 2 _____



AFL Points Open-Ended Task Answers

AFL Scoring System

Goal	6 points
Behind	1 point

Challenge

Calculate at least two different combinations of goals and behinds for each score.

These scores are from round 2, 2017.

There are multiple ways the scores can be created, e.g.

Game # 1	
Richmond vs. Collingwood	
combination 1 - 14 goals, 15 behinds = 99	combination 2 - 11 goals, 14 behinds = 80

Game # 2	
Western Bulldogs vs. Sydney Swans	
combination 1 - 16 goals, 14 behinds = 110	combination 2 - 13 goals, 9 behinds = 87

Game # 3	
Hawthorn vs. Adelaide Crows	
combination 1 - 13 goals, 11 behinds = 89	combination 2 - 16 goals, 17 behinds = 113

Game # 4	
GWS vs. Gold Coast Suns	
combination 1 - 24 goals, 16 points = 160	combination 2 - 8 goals, 10 behinds = 58

Game # 5	
Brisbane Lions vs. Essendon	
combination 1 - 12 goals, 12 behinds = 84	combination 2 - 17 goals, 9 behinds = 111

Game # 6	
West Coast Eagles vs. St. Kilda	
combination 1 - 18 goals, 8 behinds = 116	combination 2 - 13 goals, 19 behinds = 97

Game # 7	
Geelong vs. North Melbourne	
combination 1 - 17 goals, 10 behinds = 112	combination 2 - 17 goals, 9 behinds = 111

Game # 8	
Melbourne vs. Carlton	
combination 1 - 13 goals, 8 behinds = 86	combination 2 - 9 goals, 10 behinds = 64

Game # 9	
Port Adelaide vs. Fremantle	
combination 1 - 22 goals, 13 behinds = 145	combination 2 - 8 goals, 8 behinds = 56