

# Melbourne to Moliagul



There are 3 Divisions:

Division 1: Melbourne to Tooborac (Navigation : straightforward)

Division 2: Tooborac to Carisbrook (Navigation : challenging)

Division 3: Carisbrook to Moliagul (Navigation: sneaky, tricky or cunning... pick any 2)

**Maps:** (all provided)

Ringwood	1:63360
Ringwood	1:100000
Woodend	1:100000
Broadbent's 301B – 100 Miles around Melbourne	
Creswick	1:100000
Dunolly	1:100000

**Notation** used throughout the event:

GR :	Grid Reference
N :	North
S :	South
E :	East
W :	West
NW:	North West
NNW:	North of North West (and various other combinations of N, S, E and W )
T.R. :	Turn Right
T.L. :	Turn Left
B.L. :	Bear Left
B.R. :	Bear Right
S.O. :	Straight On
F.M.R. :	Follow Main Road
MRJ	Mapped Road Junction

**Submitting your answers:**

For Division 1, use the following link:

<https://forms.gle/iGyW9yrUhdsMRnHi6>

For Division 2, use the following link:

<https://forms.gle/S5uoXAY8dbyCoomY6>

For Division 3, use the following link:

<https://forms.gle/CBPdhWoYsmM3xSpR6>

## Advice to Competitors:

### A word on maps....

These maps are provided as reasonably high quality images and, with normal computer based software, should be capable of significant enlargement without loss of clarity nor detail. By “zooming” in there should be no need to “print” versions of the maps, even though many of us prefer to work with the printed page. The cost of printing these maps is quite considerable and that is not the intention of the director of the event.

### Timing for the event.

All three divisions are available at the start of the event. As competitors all have different demands on their time, placings will be determined entirely from the number of questions etc. answered correctly, with no advantage being gained from early submissions.

The last entry will be accepted up until 3 weeks after the start date of the event. To encourage competitors not to leave the event until “the last minute”, the following suggested soft timelines are suggested:

Division 1 submitted at the end of the first week.

Division 2 submitted at the end of the second week.

Division 3 submitted at the end of the third week.

The incentive to meet these timelines will be that competitor’s entries will be scored and results returned to them as they undertake the next division. (Correspondence with respect to aspects of that division may also take part.)

So, in summary, the only advantage in early submission is provision of results and not any improvement in placing(s)!

**Generally:** Throughout the event you will be using the shortest mapped route between Controls and Vias (unless otherwise stated) as well as the following:

- (i) if the Vias are not numbered, they can be visited in any order.
- (ii) whilst you are the only car on the road, there will be no U turns.
- (iii) if it looks like a railway line... it’s a railway line.

So onto Division 1, which starts with the **Ringwood 1:63360** map

The start location for the event is at the MGCC Clubrooms.

Use any of the following descriptions to locate and get yourself to the start: (we’ll wait)

Grid Reference 215 357

OR

Point on mapped road closest to the MGCC Clubrooms.

OR

the “a” in the word “Tunstall” which is what the Nunawading Railway Station used to be called.

OR

The Blue Circle, labelled “Start” that has been drawn on the map!

**Division 1:**

Maps: Ringwood 1:63360  
Ringwood 1:100000  
Woodend 1:100000

**Stage 1.1: Deepdene Dive**

Map Ringwood 1:63,360

Start: MGCC Clubrooms (GR 215 357)  
Exit to the North and Turn Left into Whitehorse Road

Via 1: Intersection of Blackburn Road and Whitehorse Road.  
Exit to the West and follow the main road until

Via 2: Turn Left at the next major intersection after crossing the railway line.  
(GR 097 369 )

Via 3: At the "junction" of 6 roads, Turn Right, (in a Westerly direction)  
towards Burnley Railway Station

Via 4: Turn Right at the intersection closest to Burnley Railway Station  
( GR 046 349 )

Finish: Mapped Road Junction (MRJ ) at GR 048 375.  
Enter from the South South West (SSW).

Questions:

1. As you pass through the intersection of Blackburn and Whitehorse Roads, what public building is on your right? (Hint: Use the Legend of the map) .....
2. What creek do you cross on your way to Box Hill? .....
3. How many **miles** from Via 1 to Via 2?  
(Hint: Use the scale of the map (1 inch : 1 mile) .....
- Choose (the closest) from one of the following:  
A. 3.3 mi      B. 4.3 mi      C. 5.3 mi      D. 6.3 mi
4. What Railway Station is just before Via 2? .....
5. Bonus question ... (local knowledge).  
What railway line is/was this station part of? .....
6. What is the junction at Via 3 usually known as? .....
7. What river do you cross twice? .....
8. What park do you drive through after crossing the river? .....
9. At the finish, what park are you overlooking? .....

**Stage 1.2: Templestowe Tangle**

Map Ringwood 1:63,360

Start: MRJ at GR 048 375  
Approximately 1½ miles due South of the Fairfield Hospital

Via 1: Kew Junction (GR : 065 373)  
Exit to the North East.

Via 2: Corner of Bulleen Road and Doncaster Road

Via 3: The 5 way intersection at Doncaster ( GR 157 399 )  
Exit to the North North West

Via 4 Intersection of Thompson’s Road and Bulleen Road  
Exit to the North

Finish: MRJ at GR 167 440 Enter from the South.

Questions:

1. What public building is to be found 1 mile generally North of Via 1?  
.....
2. What object is to be found at Via 2 ?  
(Hint: Use Legend again) .....
3. After leaving Via 3, what vegetation are you driving through? .....
4. How many **kilometres** along the “rally route” is it from Via 3 to Via 4?  
(Hint: Use the alternative scale of the map.)  
  
Choose (the closest) from one of the following:  
A. 3.3 km      B. 4.3 km      C. 5.3 km      D. 6.3 km
5. How many times do you cross Koonung creek on this stage? .....
6. What direction are you travelling in as you enter Via 4:  
A. North East (NE)                      B. North West (NW)  
C. South West (SW)                      D. South East (SE)

**Stage 1.3: Doreen Dash**

Ringwood 1:100000 (Note change of map!!!!)

Start: MRJ at GR 356 198  
Exit to the North

Via 1: The "Tower" generally south east of Kangaroo Ground ( GR 434 271 )  
Enter from the West North West (WNW).

Via 2: Rob Roy ( GR 486 314 )  
Exit to the North

Via 3: Junction of two "principal" roads South West of St. Andrews  
(GR 469 365 ) Exit to the West South West (WSW).

Via 4: Doreen ( GR 355 362 )  
Exit to the North North East (NNE)

Finish: Corner of Donnybrook and Epping Roads (GR 259 422)  
Enter from the East South East (ESE).

1. After leaving the start, what river do you cross? .....
  2. After crossing the river, what creek do you cross? .....
  3. Where would be a good place to discover new information about this area? .....
  4. What road are you travelling on when you pass through Watson's Creek? .....
  5. After turning at Via 2, what reservoir is in your rear view mirror? .....
  6. How high is One Tree Hill? .....
  7. What road are you turning into at Via 3? .....
  8. What town is closest to the confluence of Arthur's Creek and Diamond Creek? .....
  9. What reservoir do we skirt around? .....
  10. What do you cross that has since been abandoned? .....
  11. After turning into Donnybrook Road, what hill do you ascend? .....
  12. What is the last creek crossed before the finish? .....
  13. Where is the finish? .....
- (Bonus points ... name three acts that played at its namesake festival.)

.....

**Stage 1.4: High Camp Hijinks**

Woodend 1:100000

Start: Corner of Beveridge Lane and Old Sydney Road, approximately 4 km generally West of Beveridge. ( GR 165 515 )

Exit to the North North East

Via 1: MRJ 1.5 km North of Darraweit Guim. ( GR 134 597 )  
Enter from the South.

Via 2: MRJ ¾ km NNE of “Pretty Sally” ( GR 198 615 )  
Exit to the NNW

Via 3: Road junction of Highways “75” and “31” approximately 3 km NNE of  
Kilmore  
Exit to the NW

Via 4: Pyalong

Finish: Glenaroua (GR 187 908) Enter from the West.

Questions:

1. What creek runs through Darraweit Guim? .....
2. How high is Pretty Sally? .....
3. After turning out of the Darraweit-Wallen Road, towards Pretty Sally, what is the (approximate) gradient of the climb?  
A. 1 in 40      B. 1 in 20      C. 1 in 10      D. 1 in 5
4. How far from Via 3 to High Camp? .....
5. What creek do you cross North of Mollison’s Monument? .....
6. What creek runs through the finish? .....
7. How many times do you cross the dismantled railway line? .....

**Stage 1.5: To Tooborac and back**

Woodend 1:100000

Start: Glenaroua (GR 187 908)

Exit to the (generally) South using the shortest mapped route

Via 1: MRJ 1 km West of the start of this stage.  
Exit to the NW.

Via 2: Tooborac (GR 042 975)  
Exit to the South

Finish: The bridge on the Northern Highway, that spans Mollison Creek.  
Enter from the N.

Questions:

1. What distance have you travelled, from the start of this stage, to get to Via 1? .....
2. As you leave Via 1, what road have you turned out of? .....
3. What 2-dimensional shapes will you find at Via 2? ...../.....
4. What creek (system) supplies the Tooborac reservoir? .....
5. How high is Mount Lookout? .....
6. How far from Via 2 to the finish? .....
7. List 3 sporting facilities located within 2 kilometres of the finish. ....
8. Where is the finish? .....
9. The time set for this stage is 38 minutes.  
If you have averaged 67 km/hr for the 34.54 km you have travelled by the time you reach Tooborac, what speed would you need to maintain for the rest of the stage to get to the finish on time?  
(Hints: 1. find out how long has it taken you to reach Tooborac  
2. work out how much time you have left to finish the stage.  
3. use your answer to question 5)  
.....

**End of Division 1** Submit your answers using the Google form and prepare for the more challenging Division 2.

**Division 2:**

Maps: Broadbent's 100 Miles around Melbourne  
Creswick 1:100000

**Stage 2.1: Lancefield Labyrinth**      Map: Broadbent's 100 Miles around Melbourne

Start:            Intersection of "black" and "orange" roads  $\frac{3}{4}$  of a mile SSE of Pyalong.

Via 1:            Travel via the following sequence of intermediate mileages:

$1\frac{1}{2}$  ,  $\frac{3}{4}$  ,  $2\frac{3}{4}$  , 2 ,  $1\frac{3}{4}$  ,  $\frac{3}{4}$  ,  $1\frac{1}{2}$  ,  $2\frac{1}{2}$  ,  $3\frac{1}{4}$  ,  $2\frac{1}{2}$  , 3 , 1 ,  $3\frac{1}{2}$  , 2 , 4 , 1 , 2 ,  $\frac{3}{4}$

Via 2:            Intersection of "orange" and "white" roads  $1\frac{1}{4}$  miles North of  
Lancefield.  
Exit to the NW.

Via 3:            Shortest mapped route, from Via 2, to the Finish.

Finish:            Carlsruhe ("township", not railway station)      Enter from the East.

Questions:

1.      The Northern Highway is also known as ? .....  
.....
2.      Complete the names of the localities that the stage passes through:  
          Wil.....,      Tan.....,      Kil.....,      Ghe.....,      Cob.....
3.      How high is Mt William? .....
4.      How far is Lancefield from Melbourne? .....
5.      What creek flows through Via 2? .....
6.      How many rail crossings were made during this stage? .....
7.      How many miles of "orange" roads were used for this stage?  
          (don't you love fractions!) .....

**Stage 2.2: Franklinford..... I don't give a dam(n)**

Map: Broadbent's 100 Miles around Melbourne

Start: Carlsruhe (township)  
Exit to the West

Via 1: the following Route Chart.

	Cumulative	Intermediate	Instruction
	0.00	0.00	S.O.
	3.50	3.50	T.L.
	5.75	2.25	T.R.
(i)	9.75	4.00	T.R.
	10.50	0.75	T.R. and F.M.R.
(ii)	15.00	4.50	T.R. then B.L.
	17.50	2.50	B.L.
	19.75	2.25	T.R.
(iii)	22.25	2.50	S.O.
	22.75	0.50	S.O.
	24.50	1.75	Proceed to Via 2

Via 2: Chewton, Enter from the ESE

Via 3: exactly 24 miles of "orange" road (only) from Via 2 to the finish.

Finish: Franklinford Direction of entry as defined by Via 3.

1. What town do you pass through that is 52 miles from Melbourne? .....
2. Name the locations at (i), (ii) and (iii) of the route chart. ....
3. On the route chart section, when you are heading (generally) North, what creek are you travelling parallel to? .....
4. What railway station are the Falls, South East of, and what river are they on? .....
5. When you leave Via 2, which direction are you heading in? .....
6. Do you pass through Vaughan? .....
7. What direction are you travelling in when you arrive at Franklinford?  

A. South Easterly	B. South Westerly
C. North Westerly	D. Northerly
8. How many railway crossings do you cross during this stage? .....

**Stage 2.3: Lexton Labyrinth**

Map: Broadbent's 100 Miles around Melbourne

Start: Franklinford

Via : shortest mapped route, using "orange" roads only.

Finish: Lexton  
Enter from the South.

Questions:

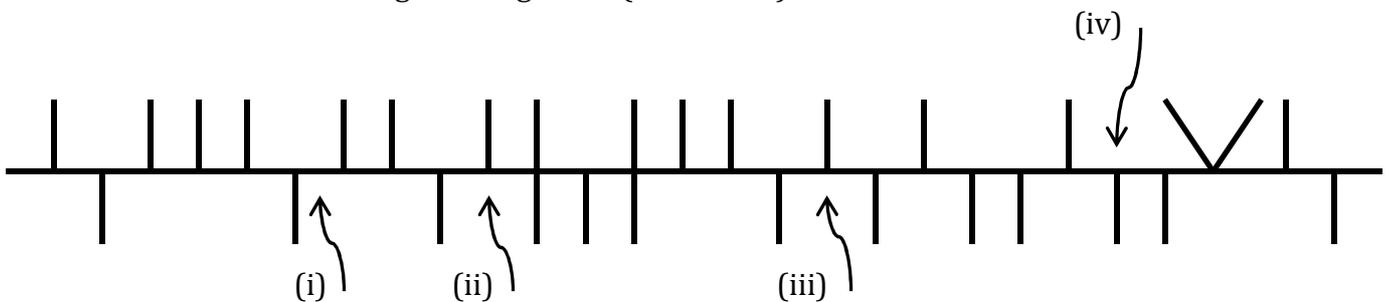
1. What town is 2½ miles South East of Newstead? .....
2. What creek do you cross three times? .....
3. Where are you when you go over your third railway crossing in this stage? .....
4. What is 2087' high? .....
5. What is the last town that you pass through before arriving at Lexton? .....
6. What is the total distance travelled from "Coghill's Ck." to the finish? .....

**Stage 2.4: Herringbone Heartache**

Map: Broadbent's 100 Miles around Melbourne

Start: Lexton  
Exit to the North

Via 1: the following "herringbone" (stick chart):



Via 2: shortest mapped distance to the finish.

Finish: Lexton.

Questions:

1. What is the first “town/locality” that you pass through? .....
2. What is the nearest mountain at (i) on the herringbone section? .....
3. Do you pass through Evansford? .....
4. What is the “town/locality” at (ii) on the herringbone? .....
5. What is the unhappy site due South of point (iii) on the herringbone section? .....
6. What creek do you cross and where are you at (iv) on the herringbone section? .....
7. Where is the finish of the herringbone? .....
8. How many miles to the finish, from the end of the herringbone section? .....

**Stage 2.5: Cotswold Capers**

Map: Broadbent’s 100 Miles around Melbourne

Start: Lexton

Via 1: the shortest mapped route, using only sections of roads that have mapped intermediate mileages  
(Reminder: The road between Lexton and Avoca has 5 sections.)

Via 2: the following “towns” Amherst, Caralulup, Carisbrook, Cotswold, Daisy, Glengower and Joyce’s Ck.

Finish: Maryborough

Questions:

1. What is the first creek crossed in this stage? .....
2. What direction are you heading in when you enter Cotswold? .....
3. What direction are you heading in when you leave Daisy? .....
- 4.. How many rail crossings do you make? .....
5. In what order should the “towns” be visited, to minimise the distance for this stage? .....
6. What is the total distance of “black” roads used in this stage? .....

**Stage 2.6: Tullaroop – Talbot Trundle**

Map: **Creswick 1:100000**

Start: Carisbrook ( GR 504 959)  
Exit to the NE

- Via 1: MRJ nearest to “Blagdon” located approximately 6.5 km generally NE (as the crow flies) from Carisbrook. Exit to the North East.
- Via 2: Middle Creek, located approximately 4km East of Tullaroop Reservoir. Enter from the NNW. Exit to the SSE
- Via 3: MRJ nearest to McIvor Hill approximately 8.5 km South West of Campbelltown. Enter from the North East.
- Via 4: MRJ nearest to the southern most point of Middle Swamp.
- Via 5: MRJ nearest Fawcett Hill. Exit to the WNW
- Via 6: The bridge West of “Red Lion” located approximately 3.5 km generally East of Talbot.
- Via 7: Talbot.  
Exit to the North West.

Finish: Carisbrook ( GR 504 959) from the SW

Questions:

- 1. What is the first creek crossed in this stage? .....
- 2. What is the closest distance, by road, that you get to the major (crossroad) intersection in Clunes? .....
- 3. How many kilometres of state forest do you drive through between Via 5 and Via 6? .....
- 4. How many rail crossings do you make? .....
- 5. Are the gauges on the railway lines crossed the same? .....
- 6. How many (mapped) bridges are traversed? .....
- 7. What runs from Mosquito Flat to the East of Tullaroop Reservoir, and where else did you see one of these on this stage? .....

**End of Division 2** Submit your answers using the Google form and get your crystal ball ready for Division 3.

**Division 3:**

**Maps: Creswick 1:100000  
Dunolly 1:100000**

**Stage 3.1: Cairn Curran Chicanery**

Maps: Creswick 1:100000  
Dunolly 1:100000

Start: Carisbrook ( GR 504 959)  
Exit to the NW

Via 1: the following route chart

Cumulative	Intermediate	Instruction
0.0	0.0	S.O. and F.M.R.
1.8	1.8	B.R. and F.M.R.
3.7	1.9	B.R.
10.1	6.4	T.R. and F.M.R.
21.2	11.1	T.R.
26.4	5.2	T.L.
29.9	3.5	T.L.
34.9	5.0	B.R. and F.M.R.
37.0	2.1	Control

Finish: As directed by the Route Chart.

Questions:

1. What "property" do you pass just before your first T.R. on the route chart? .....
2. At the second turn right on the route chart, how far is it to Carisbrook? .....
3. What reservoir do you pass halfway between your second T.R. and your first T.L. on the route chart? .....
4. Where is the finish control? .....
5. On the sealed sections of the route you can average 90 km/hr. On the unsealed sections of the route you can only average 55 km/hr. What is your time, to the nearest minute, for this stage? .....

**Stage 3.2: Llodden lloop to Llanelly**

Map: Dunolly 1:100000

Start: MRJ on Bridgewater Maldon Road, approximately 7 km East of Eddington.  
( GR 617 134 )

Via 1: The one way bridge at Laanecoorie. Enter from the SE

Via 2: The one way bridge at Newbridge. Enter from the ESE

Finish: Llanelly railway crossing. Enter from the ESE

Questions:

1. How far, via the rally route, from Via 1 to Via 2? (nearest km) .....
2. How many (mapped) bridges/causeways do you cross in this stage? .....
3. Where does the underground pipeline start and stop? .....
4. When you cross the bridge at Laanecoorie, should the water be flowing to your right or left? .....

**Stage 3.3: Rheola Rendezvous**

Map: Dunolly 1:100000

Start: MRJ 300 metres West of the Llanelly railway crossing. ( GR 550 307 )  
Exit to the SSE.

Via 1: Sealed roads only

Via 2: No section of road can be re-used during the stage  
(ie. all roads are "one-way")

Via 3: Rheola ( GR 412 403 )

Finish: MRJ 300 metres West of the Llanelly railway crossing. ( GR 550 307 )

Questions:

1. When you cross the railway for the second time, what is on your right? .....
2. What is the last (named) creek that you cross before the finish? .....
3. How many cemeteries did you pass? .....
4. Name any towns visited, in order, that gives some sense of the route taken:  
.....

**Stage 3.4: Railway Rapport**

Map: Dunolly 1:100000

Start: The (other) Llanelly rail crossing (SE of Llanelly on the Dunolly-Inglewood Rd) (GR 548 303) Exit to the SSW.

Via 1: Roads that keep you as close to the railway line as possible.

Via 2: no other rail crossings on this stage.

Via 3: MRJ at GR 473 223. Exit to the WSW

Finish: The "oval" in Dunolly.

Questions:

1. Between Llanelly and Tarnagulla, what are there plenty of? .....
2. After Tarnagulla, how many kilometres are travelled along the Bridgewater-Dunolly Road? .....
3. What ranges are you travelling through? .....
4. After the exit from Via 3, complete the route chart from Via 3 to Control:

Cumulative	Instruction
0.0	S.O.
1.4	.....
.....	.....
.....	.....
.....	.....
.....	.....
.....	..... and F.M.R.
.....	Control

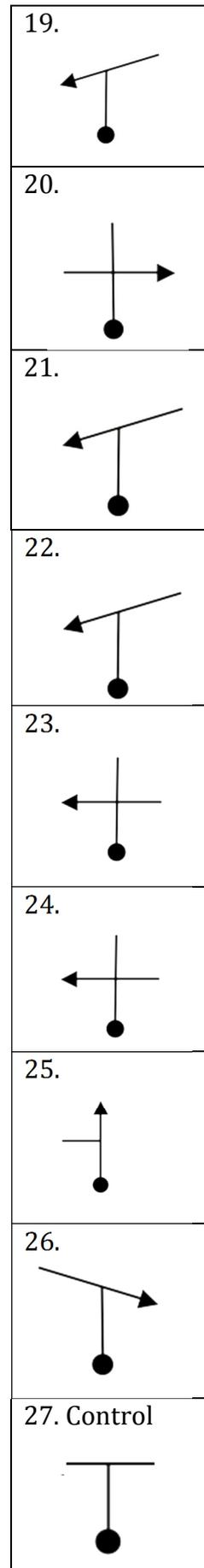
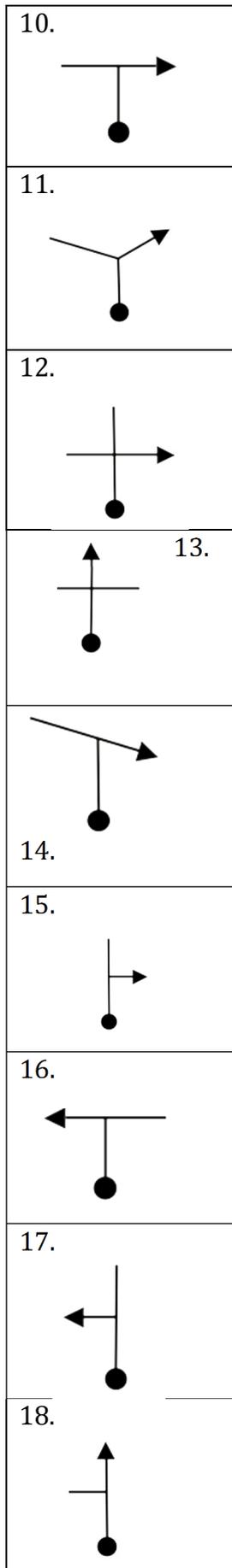
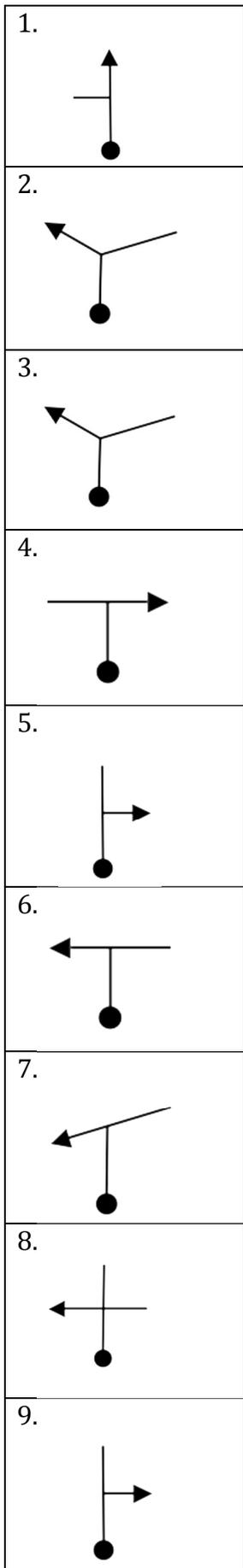
**Stage 3.5: Tiptoe through the tulips**

Map: Dunolly 1:100000

Start: Dunolly

Via 1: MRJ at GR 394 243  
Enter from the West

Via 2: Exit Via 1 to the East and follow the tulip diagrams. (on next page)



Finish: MRJ at GR 394 243

Enter from the South

Questions:

1. How many sections of the stage are used twice, travelling in the same direction?  
(A “section” of road is to be considered as a length of road between two intersections.)  
.....
2. How many sections of the stage are used twice, travelling in different directions?  
.....
3. How many sections of the stage are used more than twice?  
.....
4. How many times do you pass the water tank at GR 414 246 ?  
.....
5. What are the 2 (named) creeks that you cross in this forest?  
.....

**Stage 3.6: Final fling**

Map: Dunolly 1:100000

Start: MRJ at GR 394 243

Via 1: MRJ 3.6 km (by road) NW of the MRJ located approximately 1 km NNW (as the crow flies) of the Railway Station located 2 stops North West of the Railway Station that has the name that repeats itself located approximately 2 km NE of the confluence of the Carmanuel and Emu Creeks.

Finish: MRJ closest to the Church in Moliagul.  
Enter from the SSE

Questions:

1. What is the distance travelled from the start to Via 1? .....
2. What are the names of the Railway Stations referred to in Via 1? .....
3. What creek do the Carmanuel and Emu Creeks eventually flow into? .....
4. What was welcome? .....
5. If the entire section has a time of 10 minutes to complete, and you have averaged 70 km/hr by the time you get to Via1, what does your average speed need to be for the remaining part of the stage?  
.....

Congratulations on making it to Moliagul, the home of the Welcome Stranger and “Flynn of the Inland”.