



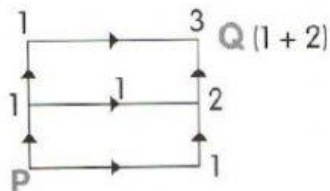
Worksheet 3 / Chapter 15

Name : _____ Marks : _____/_____

Class : _____ Date : _____

1. Look at the street plans below.
In Plan 1, there are 3 ways you can move from P to Q, assuming that you always turn at right angles and get closer to Q.

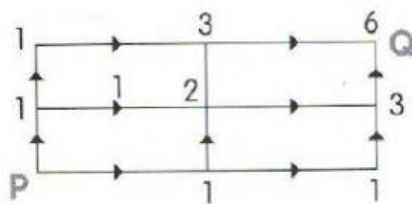
Plan 1



$$1 + 2 = 3 \text{ ways}$$

In Plan 2, there are 6 ways you can move from P to Q, assuming that you always turn at right angles and get closer to Q.

Plan 2

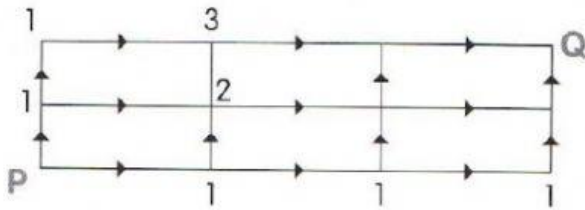


$$3 + 3 = 6 \text{ ways}$$

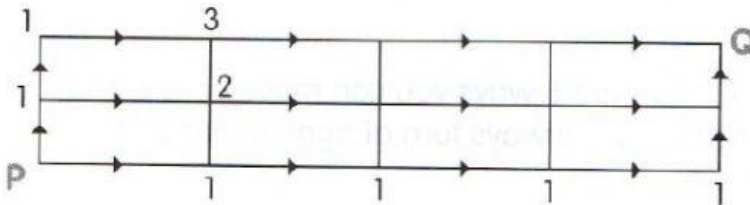


In Plans 3, 4 and 5, how many ways can you move from P to Q, assuming that you always turn at right angles and get closer to Q?

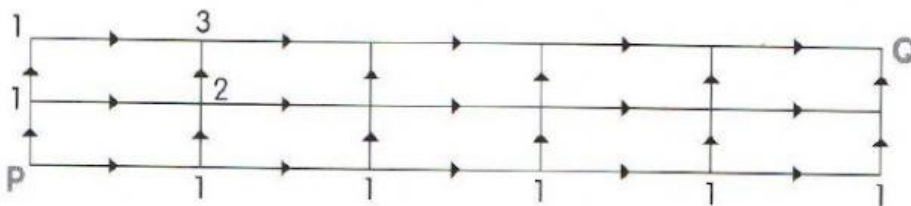
(a) Plan 3



(b) Plan 4



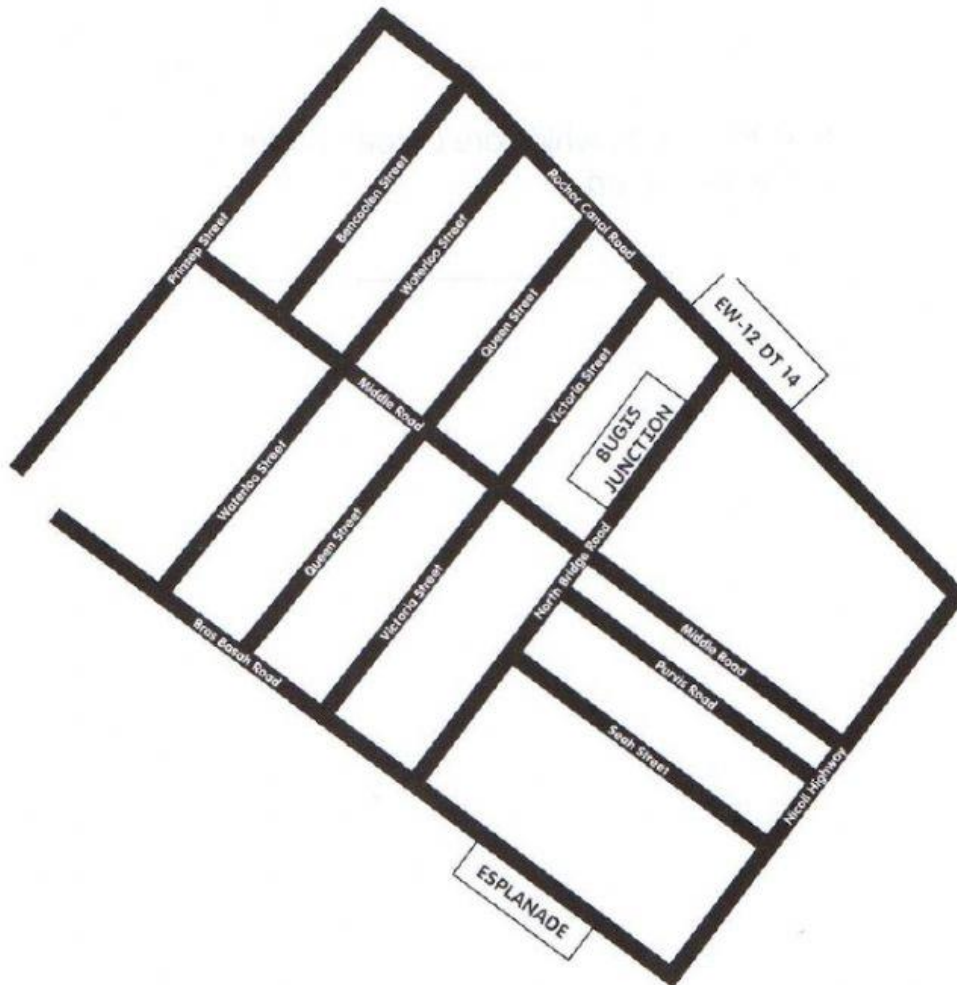
(c) Plan 5





2.

A map of a central district is given below.
Study the map carefully.
Then, answer the questions.



(a) Name a road which is perpendicular to Victoria Street.

(b) Name a road which is parallel to Queen Street.



- (c) Name a road which is perpendicular to Middle Road and parallel to Bencoolen Street.

- (d) Name two roads which are parallel to Purvis Street.

- (e) Name two roads which are perpendicular to North Bridge Road.
