

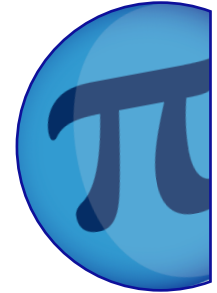


# Nightingale's Diagram

NAME: .....

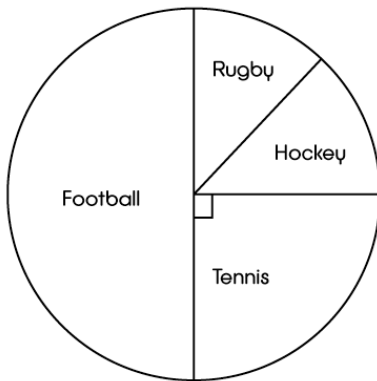
CLASS: .....

DATE: .....



## Basic

1) 120 people were asked what their favourite sport was. The results were recorded in the pie chart below.



- Which sport did most people say was their favourite?
- Which sport did least people say was their favourite?
- How many people said that tennis was their favourite sport?
- How many people said that rugby was their favourite sport?

2) Complete the table below to show how you spend an average school day (24 hours). You need to show a minimum of five activities.

Activity	Hour(s) Spent on Activity	Percentage of Day	Degree of Circle

Draw a pie chart to represent this information.



# Nightingale's Diagram

NAME: .....

CLASS: .....

DATE: .....

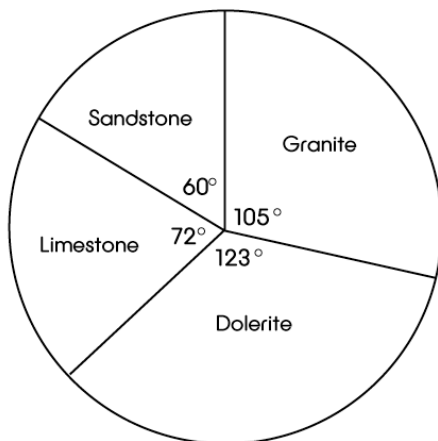


## Core

1) Complete the table below to show how you spend an average school day (24 hours). You need to show a minimum of five activities. Draw a pie chart to represent this information.

Activity	Hour(s) Spent on Activity	Fraction of Day	Degree of Circle

2) A geologist surveyed a sample of 500 pebbles from a beach and recorded the different types of stone found. The results are recorded in the pie chart below.



How many of the pebbles were:

- a) Limestone
- b) Sandstone
- c) Granite
- d) Dolerite

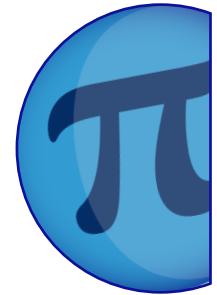


# Nightingale's Diagram

NAME: .....

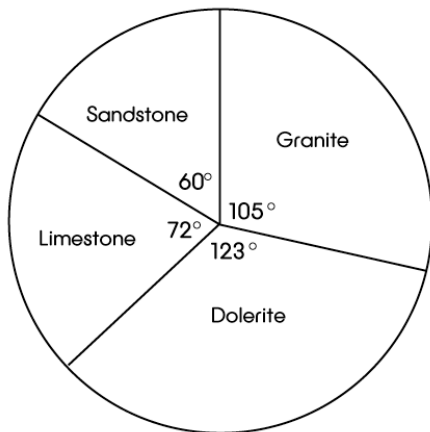
CLASS: .....

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## Advanced

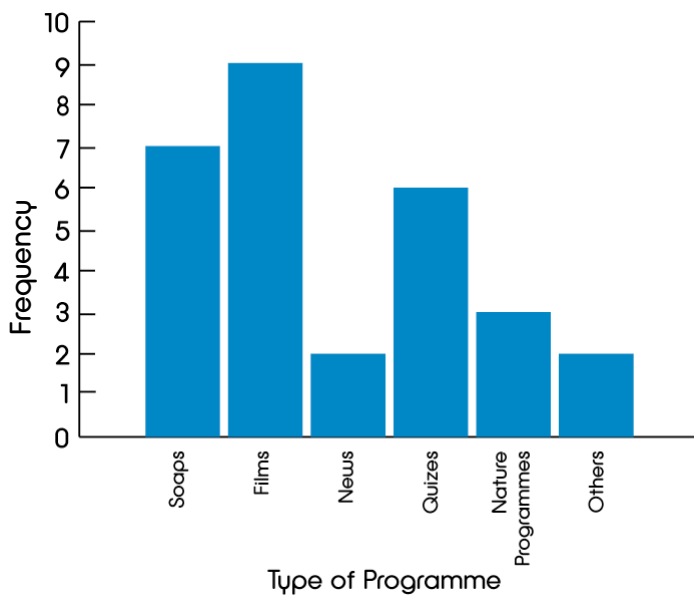
2) A geologist surveyed a sample of 500 pebbles from a beach and recorded the different types of stone found. The results are recorded in the pie chart below.



How many of the pebbles were:

- a) Limestone
- b) Sandstone
- c) Granite
- d) Dolerite

2) A survey was completed on favourite types of television programme. The results are recorded in the diagram below. Record the same results in a pie chart.





# Nightingale's Diagram

## ANSWERS

### Basic

- 1) a) Football      b) Rugby & Hockey      c) 30      d) 15

### Core

- 2) a) 100      b) 83      c) 146      d) 171

### Advanced

- 1) a) 100      b) 83      c) 146      d) 171

- 2) Favourite TV Programmes

