Unit 1 Quiz 1: Vocabulary

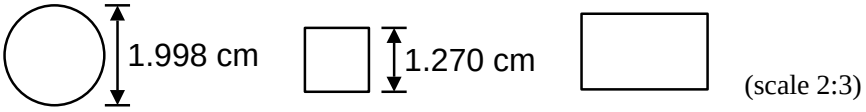
1. Write the correct vocabulary word next to the box that best describes it. If you spell the word incorrectly, no part marks are given: **(9)**

abstraction	***algorithm***	***condition***	***constant***	***construct***	***decompose***	***flowchart***	***pseudocode***	***variable***

a)	***construct***	a smaller part used as a building block
b)	***variable***	a memory location to store a value that may change while the program is running
c)	***condition***	an expression that evaluates to either true or false
d)	***flowchart***	a diagrammatic representation of an algorithm
e)	***algorithm***	a precise method for solving a problem
f)	***pseudocode***	a structured, code-like, high-level description of an algorithm
g)	***abstraction***	hiding complexity by focusing on the essential features of a problem
h)	***constant***	a memory location that stores an unchangeable value
i)	***decompose***	breaking down a complex problem into smaller, more manageable parts

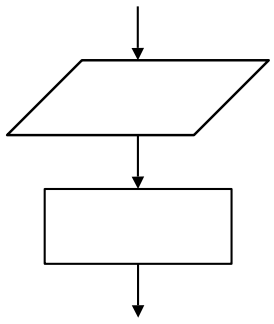
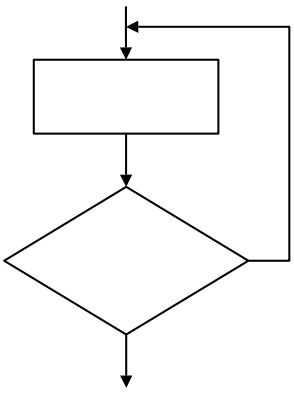
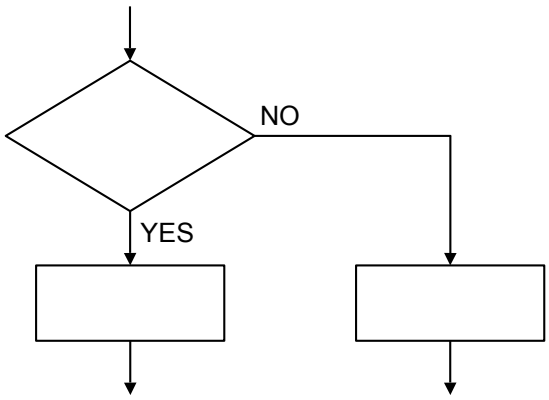
2. Write each word once next to the sentence that the word best describes. **(3)**

accurate	***ambiguous***	***precise***



a)	***precise***	The side of the square measures 2.540 cm
b)	***accurate***	The radius of the circle measures 1 cm
c)	***ambiguous***	The side of the rectangle measures 1.5 cm

3. Identify each of the constructs: **(3)**

		
sequence	***iteration***	***selection***

Unit 1 Quiz 1: Vocabulary

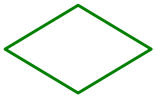
4. What three things make a successful algorithm. (You may either give the vocabulary word, or you may describe each one using complete sentences). **(3)**

a) ***accurate*** *producing the correct outcome with no errors*

b) ***consistent*** *producing the same outcome from the same input*

c) ***efficient*** *achieving the outcome using minimal resources (time, electricity, etc.)*

5. Full in all missing cells in the table below. Only partial marks for misspelled vocabulary. **(14)**

	Symbol Name	Symbol	Usage
a.	*process*		indicates a calculation or task to be carried out
b.	*input*		indicates an input to the algorithm
c.	*start*		indicates the beginning of the algorithm
d.	*subprocess*		hides the details of a part of the algorithm in a different flowchart
e.	*decision*		indicates a choice to be made
f.	*output*		Indicates an output from the algorithm
g.	*end*		indicates the termination of the algorithm

Unit 1 Quiz 1: Vocabulary

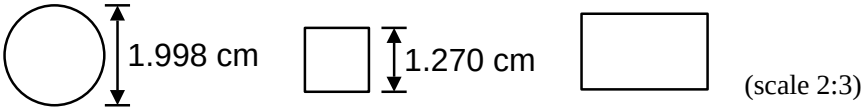
1. Write the correct vocabulary word next to the box that best describes it. If you spell the word incorrectly, no part marks are given. **(9)**

abstraction	***algorithm***	***condition***	***constant***	***construct***	***decompose***	***flowchart***	***pseudocode***	***variable***

a)	***flowchart***	a diagrammatic representation of an algorithm
b)	***constant***	a memory location that stores an unchangeable value
c)	***decompose***	breaking down a complex problem into smaller, more manageable parts
d)	***condition***	an expression that evaluates to either true or false
e)	***pseudocode***	a structured, code-like, high-level description of an algorithm
f)	***variable***	a memory location to store a value that may change while the program is running
g)	***algorithm***	a precise method for solving a problem
h)	***construct***	a smaller part used as a building block
i)	***abstraction***	hiding complexity by focusing on the essential features of a problem

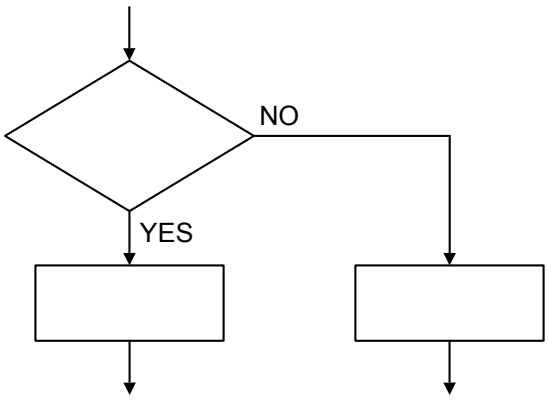
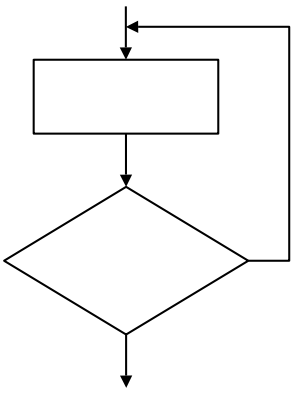
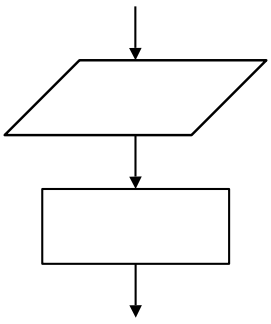
2. Write each word once next to the sentence that the word best describes. **(3)**

accurate	***ambiguous***	***precise***



a)	***ambiguous***	The side of the rectangle measures 1.5 cm
b)	***precise***	The side of the square measures 2.540 cm
c)	***accurate***	The radius of the circle measures 1 cm

3. Identify each of the constructs: **(3)**

		
selection	***iteration***	***sequence***

Unit 1 Quiz 1: Vocabulary

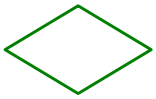
4. What three things make a successful algorithm. (You may either give the vocabulary word, or you may describe each one using complete sentences). **(3)**

a) ***accurate*** *producing the correct outcome with no errors*

b) ***consistent*** *producing the same outcome from the same input*

c) ***efficient*** *achieving the outcome using minimal resources (time, electricity, etc.)*

5. Full in all missing cells in the table below. Only partial marks for misspelled vocabulary. **(14)**

	Symbol Name	Symbol	Usage
a.	*input*		indicates an input to the algorithm
b.	*end*		indicates the termination of the algorithm
c.	*subprocess*		hides the details of a part of the algorithm in a different flowchart
d.	*decision*		indicates a choice to be made
e.	*output*		indicates an output from the algorithm
f.	*start*		indicates the beginning of the algorithm
g.	*process*		indicates a calculation or task to be carried out

Unit 1 Quiz 1: Vocabulary

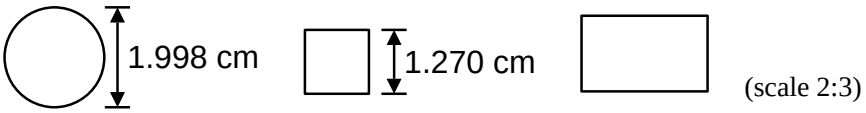
1. Write the correct vocabulary word next to the box that best describes it. If you spell the word incorrectly, no part marks are given。 **(9)**

abstraction	***algorithm***	***condition***	***constant***	***construct***	***decompose***	***flowchart***	***pseudocode***	***variable***

a)	***decompose***	breaking down a complex problem into smaller, more manageable parts
b)	***algorithm***	a precise method for solving a problem
c)	***variable***	a memory location to store a value that may change while the program is running
d)	***condition***	an expression that evaluates to either true or false
e)	***pseudocode***	a structured, code-like, high-level description of an algorithm
f)	***flowchart***	a diagrammatic representation of an algorithm
g)	***constant***	a memory location that stores an unchangeable value
h)	***abstraction***	hiding complexity by focusing on the essential features of a problem
i)	***construct***	a smaller part used as a building block

2. Write each word once next to the sentence that the word best describes. **(3)**

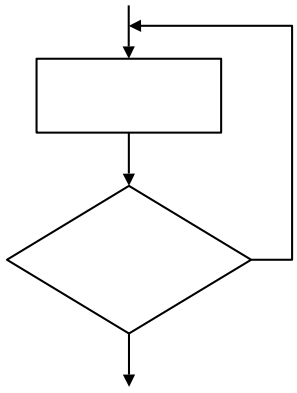
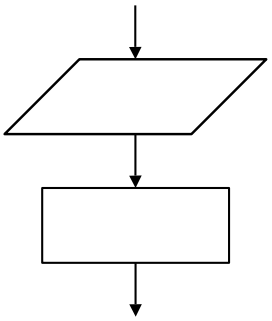
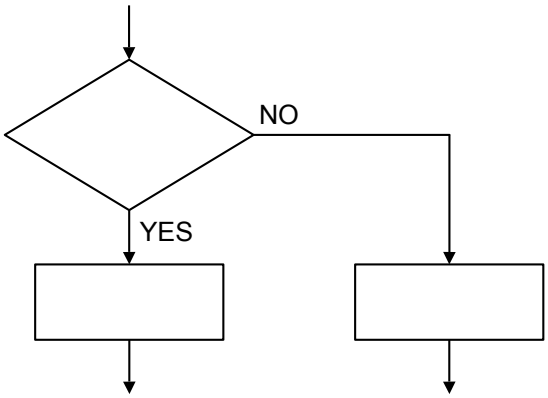
accurate	***ambiguous***	***precise***



(scale 2:3)

a)	***accurate***	The radius of the circle measures 1 cm
b)	***ambiguous***	The side of the rectangle measures 1.5 cm
c)	***precise***	The side of the square measures 2.540 cm

3. Identify each of the constructs: **(3)**

		
iteration	***sequence***	***selection***

Unit 1 Quiz 1: Vocabulary

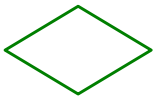
4. What three things make a successful algorithm. (You may either give the vocabulary word, or you may describe each one using complete sentences). **(3)**

a) ***accurate*** *producing the correct outcome with no errors*

b) ***consistent*** *producing the same outcome from the same input*

c) ***efficient*** *achieving the outcome using minimal resources (time, electricity, etc.)*

5. Full in all missing cells in the table below. Only partial marks for misspelled vocabulary. **(14)**

	Symbol Name	Symbol	Usage
a.	*decision*		indicates a choice to be made
b.	*process*		indicates a calculation or task to be carried out
c.	*input*		indicates an input to the algorithm
d.	*end*		indicates the termination of the algorithm
e.	*start*		indicates the beginning of the algorithm
f.	*subprocess*		hides the details of a part of the algorithm in a different flowchart
g.	*output*		indicates an output from the algorithm