

# Worksheet

Module	Landscape Construction
Subject	Paving
Topic	Working safely below ground
Lesson	No.1
Worksheet	No.1
Directions	The answers to these questions are contained in your notes on Working safely below ground. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. List the most common dangers facing you when excavating for a paving job.

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2. List the precautions you should take when carrying out a paving job.

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Module	Landscape Construction
Subject	Paving
Topic	Types of Pavers
Lesson	No.2
Worksheet	No.2
Directions	The answers to these questions are contained in your notes on Types of Pavers. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. List four types of pavers used for paving.

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2. List the most common bonds used in paving today including a sketch for each one.

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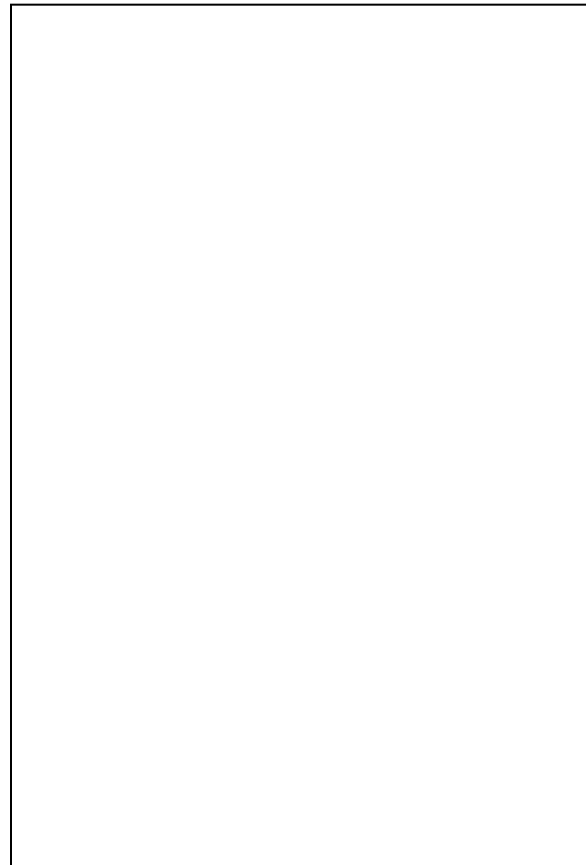
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**Worksheet**

3. List the ten steps to be taken when carrying out a paving project.

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Module	Landscape Construction
Subject	Paving
Topic	Kerbstones and Falls
Lesson	No.3
Worksheet	No.3
Directions	The answers to these questions are contained in your notes on Kerbstones and Falls. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. List the functions of a restrainer.

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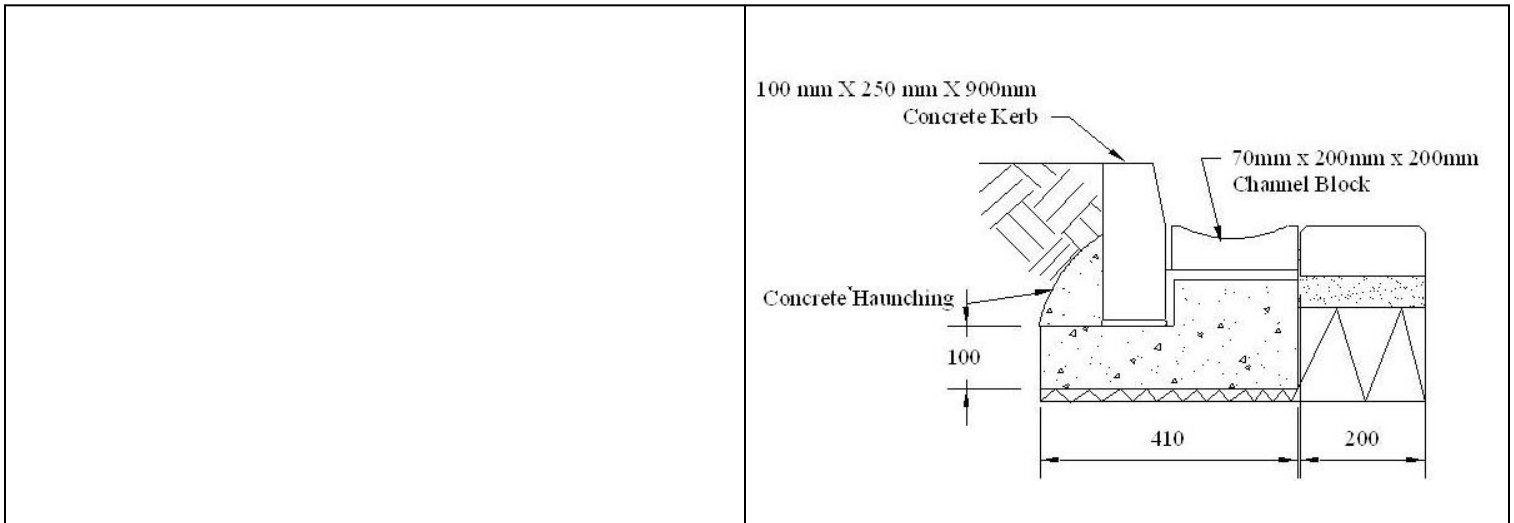


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2. Draw a section through a concrete kerb showing the foundation, haunching, paviour, bedding, and hardcore. Include all dimensions.



3. State what a gradient is.

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## Worksheet

4. State the recommended fall for a brick paved driveway.

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5. Calculate the difference in height between one end of a paved area and the other?  
If the area is six meters long and requires a fall of 1:80 to carry the surface water away.

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Module	Hard Landscape Construction
Subject	Paving
Topic	Methods of Paving
Lesson	No.4
Worksheet	No.4
Directions	The answers to these questions are contained in your notes on Methods of Paving. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. State where an expansion joint should be used in paving.

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2. Describe what the reinstatement of paving is.

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3. Describe what the difference between rigid paving and flexible paving is.

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4. State the average depth of hardcore required for a domestic paved drive way.

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5. State the average depth of bedding sand required for a domestic paved drive way.

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Module	Landscape Construction
Subject	Paving
Topic	Transferring Levels
Lesson	No.5
Worksheet	No.5
Directions	The answers to these questions are contained in your notes on Transferring Levels. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. State what a datum level is?

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2. List three methods of transferring levels on site including a sketch for each one.

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	<p style="text-align: center;">Figure 2.23</p>

3. State where gauge should be taken from when building brick or block work.

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Module	Landscape Construction
Subject	Paving
Topic	Step by Step Block Paving
Lesson	No.6
Worksheet	No.6
Directions	The answers to these questions are contained in your notes on Step by Step Block Paving. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. State the recommended minimum height of paving below D.P.C. level.

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2. State how much excavated earth bulk's up by.

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3. State how many brick pavers there are in one square meter?

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4. Describe how to set out a Herringbone pattern in paving using a sketch to illustrate your answer.

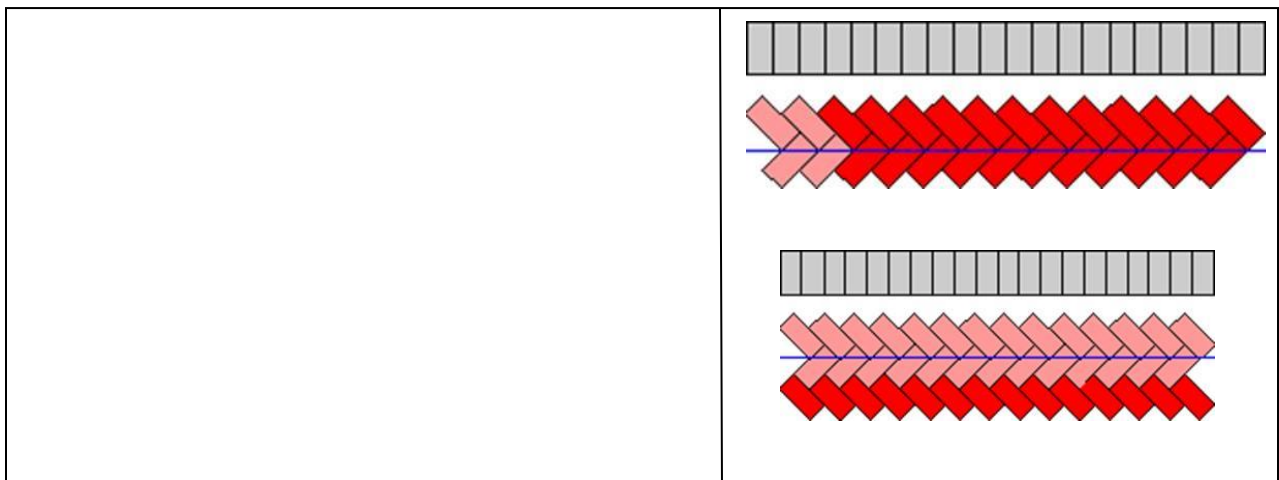
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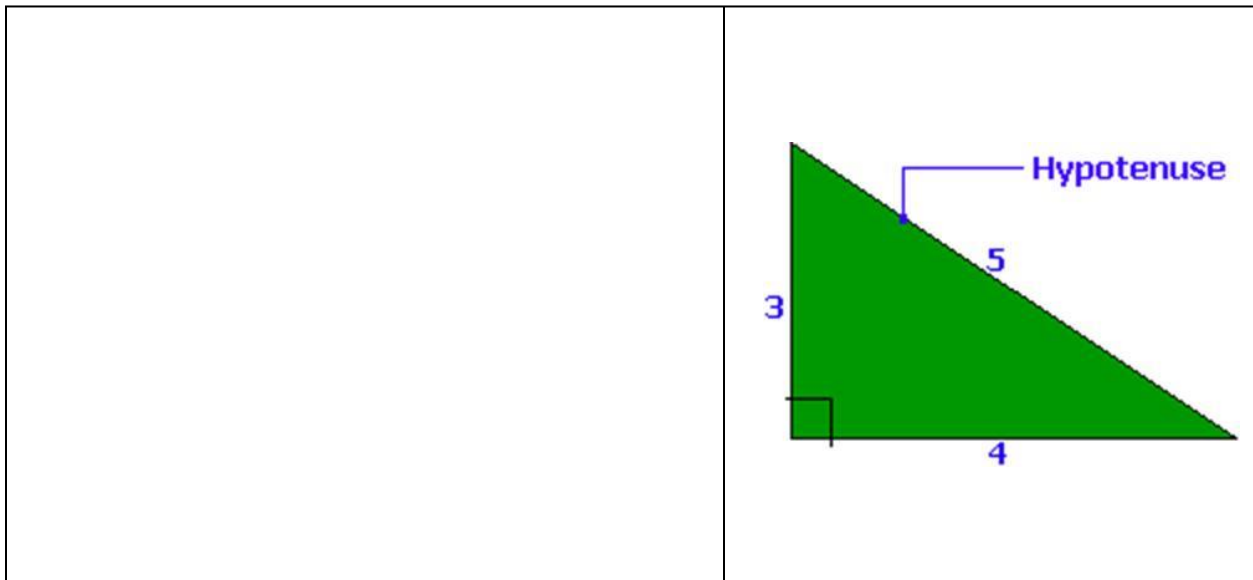
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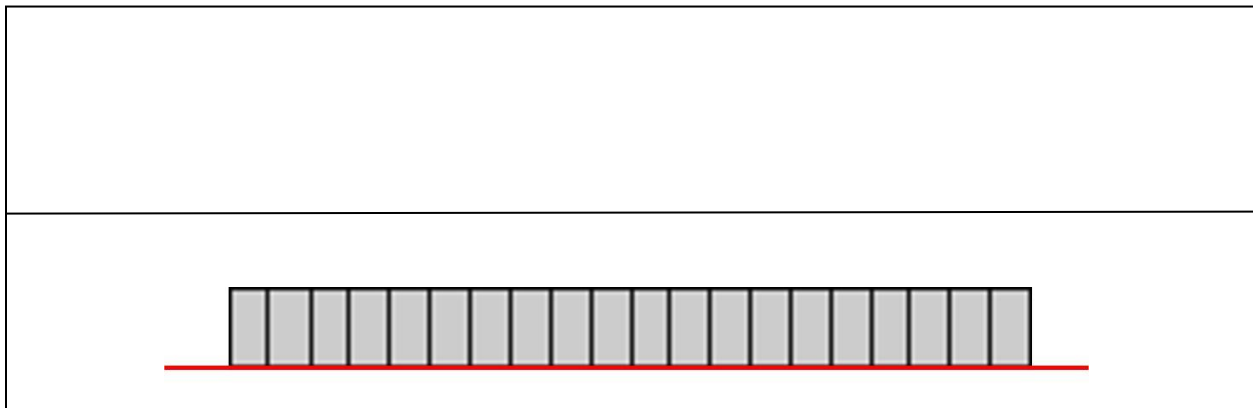


Module	Landscape Construction
Subject	Paving
Topic	Setting out Lines and Arcs
Lesson	No.7
Worksheet	No.7
Directions	The answers to these questions are contained in your notes on Setting out Lines and Arcs. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. Describe what the 3, 4, 5, triangle is using a sketch to illustrate your answer.



2. Describe one method of lining in a boarder course in paving using a sketch to illustrate your answer.



Module	Landscape Construction
Subject	Paving
Topic	Setting out Arcs and Curves
Lesson	No.8
Worksheet	No.8
Directions	The answers to these questions are contained in your notes on Setting out Arcs and Curves. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. List the three most important points when setting out an arc.

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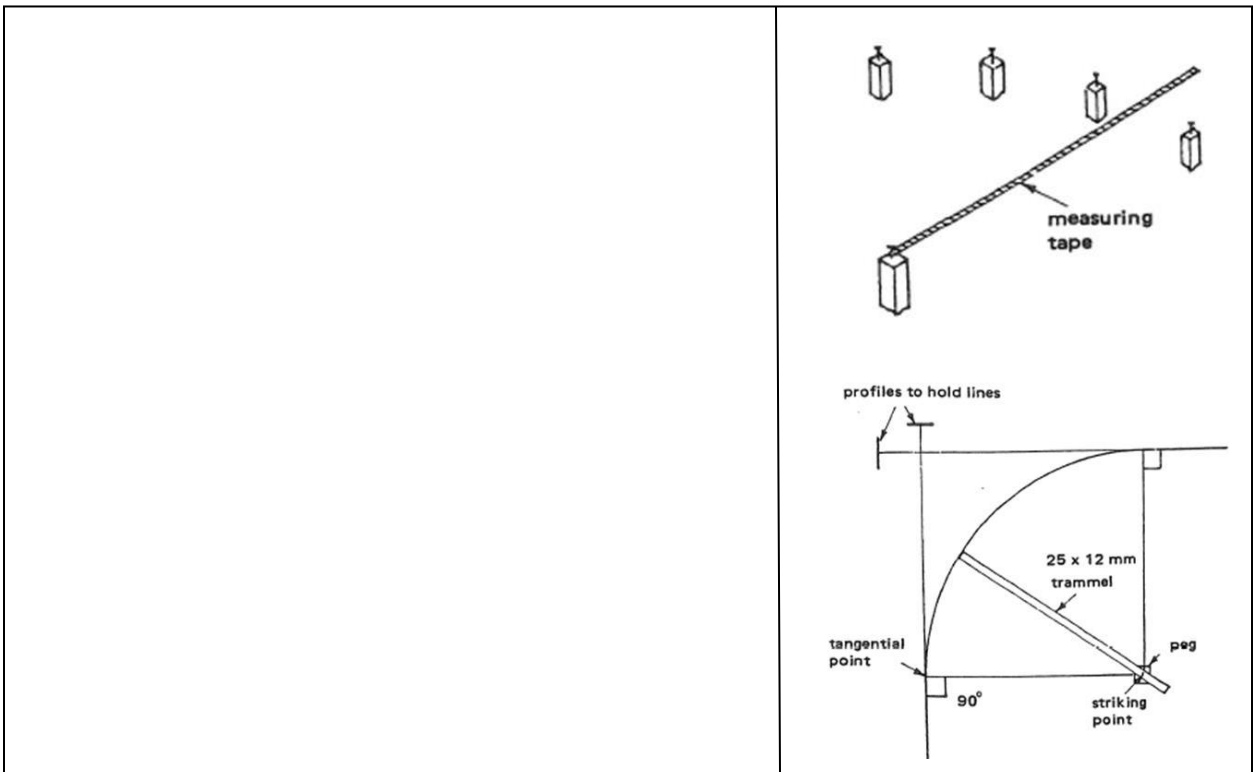


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2. Describe one method used to set out an arc using a sketch to illustrate your answer.



Module	Landscape Construction
Subject	Paving
Topic	Working Lines and Levels
Lesson	No.9
Worksheet	No.9
Directions	The answers to these questions are contained in your notes on Working Lines and Levels. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. State the two leveling points on a paving project that dictate the levels of the entire job.

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2. State the formula used for calculating a fall.

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Module	Landscape Construction
Subject	Paving
Topic	Concrete Bedded Edgings
Lesson	No.10
Worksheet	No.10
Directions	The answers to these questions are contained in your notes on Concrete Bedded Edgings. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. List and describe two methods that can be used for bedding edgings/kerbs.

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2. When edgings/kerbs are laid to a curve an unacceptable wide joint can appear between adjacent units. List two ways of overcoming this problem.

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Module	Landscape Construction
Subject	Paving
Topic	Establishing Trammel Bars and Screed Rails
Lesson	No.11
Worksheet	No.11
Directions	The answers to these questions are contained in your notes on Establishing Trammel Bars and Screed Rails. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. State what a trammel bar is used for.

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2. State two methods used for positioning a trammel bar and show how its level would be determined with the aid of a sketch.

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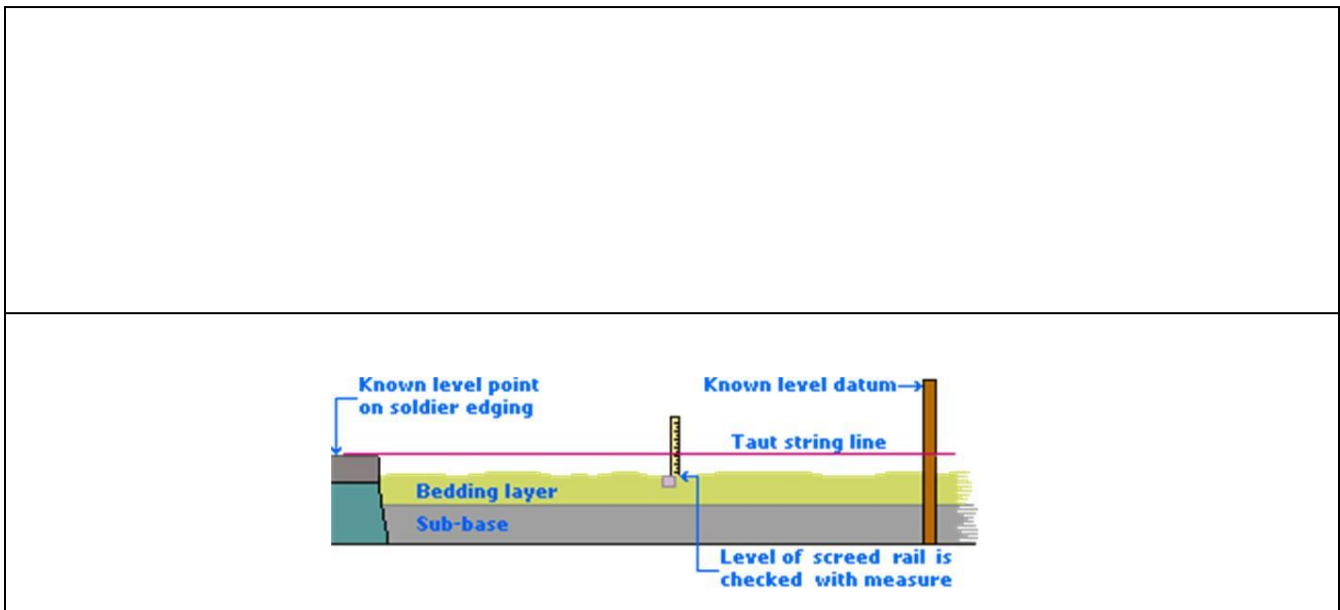
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## Worksheet

3. Mention three important points in relation to trammel bars.

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Module	Landscape Construction
Subject	Paving
Topic	Safety using Power Tools
Lesson	No.12
Worksheet	No.12
Directions	The answers to these questions are contained in your notes on Safety using Power Tools. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. List the three most common areas where fatal accidents occur with electricity.

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2. List three precautions that should be taken before using any power tool.

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3. State the function of a transformer?

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Module	Landscape Construction
Subject	Paving
Topic	Con-Saws and Guillotines
Lesson	No.13
Worksheet	No.13
Directions	The answers to these questions are contained in your notes on Con-Saws and Guillotines. I recommend that you read the question, find the answer and then write the answer out for each of the following. This will facilitate you to achieve the learning outcomes for the lesson.

1. State where petrol operated con-saws should not be used.

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2. List three types of blade used for cutting with a con-saw.

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3. List the advantages of using a diamond tipped blade.

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4. List the benefits of using a guillotine when cutting paving material.

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5. Name three types of guillotine.

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