

**PENANG SANGAM HIGH SCHOOL  
P.O.BOX 44, RAKIRAKI**

**LESSON NOTES-7**

**School: PENANG SANGAM HIGH**

**Year/Level: 11C/D**

**Subject: APPLIED TECHNOLOGY**

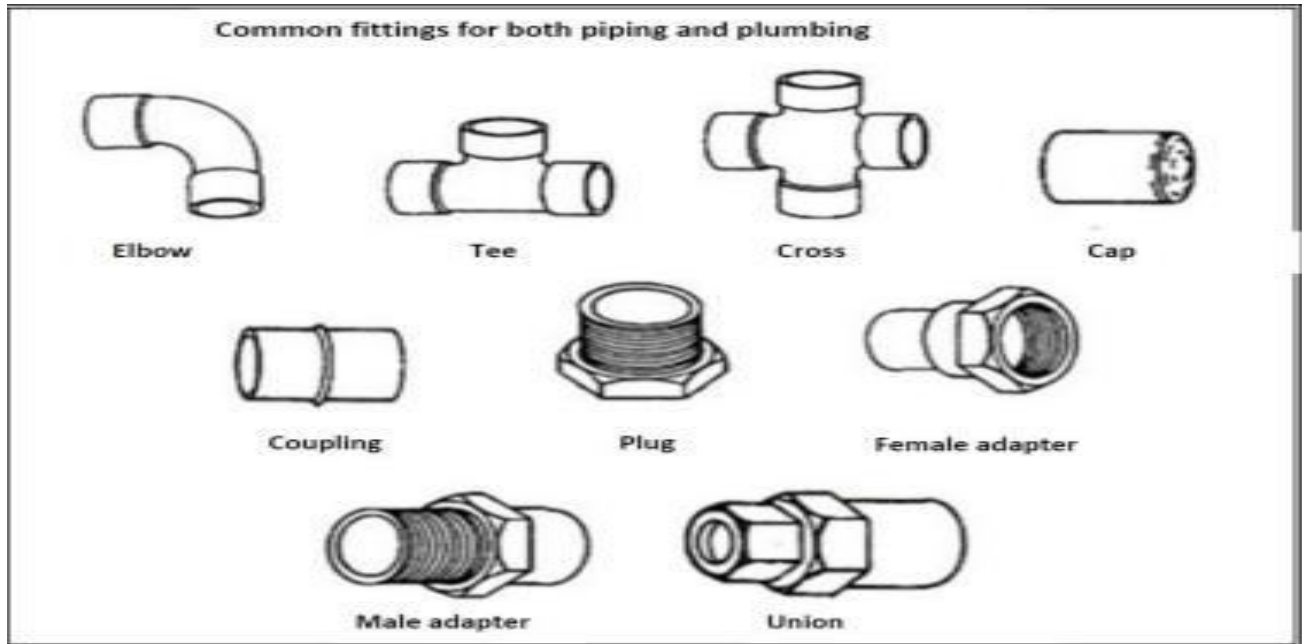
<b>Strand</b>	AT 11.4. BASIC HOME IMPROVEMENT
<b>Sub Strand</b>	AT 4.1. General Trade Skills
<b>Content Learning Outcome</b>	AT11.4.1.1 Demonstrate knowledge and develop basic practical skills in water plumbers.

**COMMON FITINGS**

There are 100 types of specialized fitting manufactured, but some are very widely used and these are:

- **Elbow**- installed between two lengths of pipe, usually 90° or 45°.
- **Tee**- used to either combine or split fluid.
- **Cap**- covers end of the pipe.
- **Plug**- used to plug unused fitting outlet.
- **Coupling**- connects two pipe to each other.
- **Female adaptor**- used to add a female threaded pipe connection on a solvent welded pipe.
- **Male adaptor**- used to add a male threaded pipe connection to solvent welded pipe connection.
- **Threaded pipe**- pipe with screw- threaded ends for assembly.
- **Union**- to allow quick and convenient disconnection of pipes for maintenance or replacement.
- **Solvent**- applied to PVC piping that dissolves and fuses the adjacent surfaces of piping.

## PICTURE OF WIDELY USED FITINGS



### SHORT ANSWER QUESTIONS

1. Name the pipe fitting that is used to when two pipes are joined at 90°?

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2. What is the purpose of plug in plumbing?

\_\_\_\_\_  
\_\_\_\_\_

3. Label the diagram given below

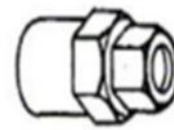
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**THE END**