

LABORATORY EQUIPMENT - ANSWERS

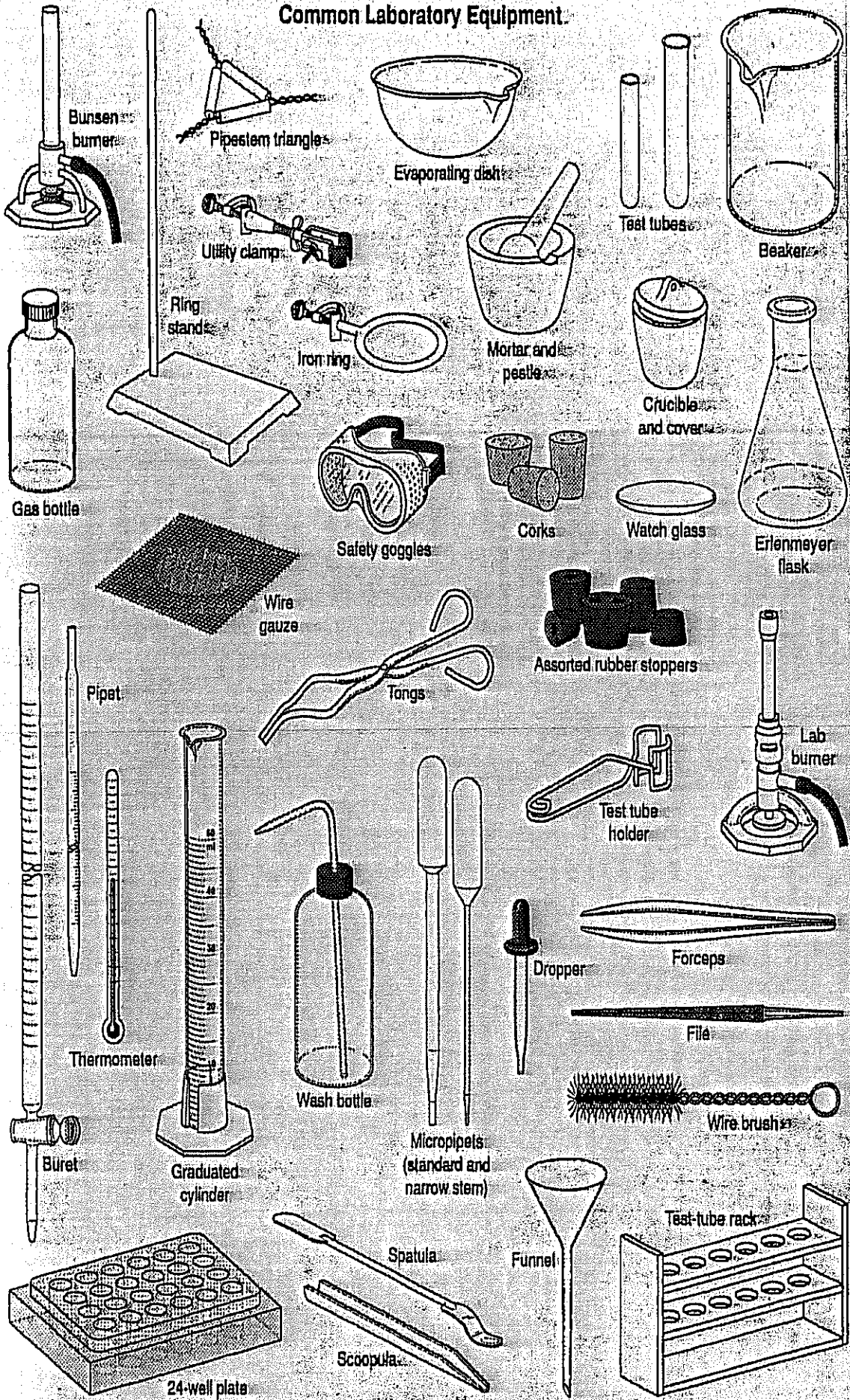
Instructions: There are 21 numbered pieces of laboratory equipment placed around the classroom. Match each description in the table with a piece of equipment. Write the number of the piece and its name in the appropriate boxes. To help you, there is a list of equipment names on the other side of this handout.

Description	What am I?	What number am I?
I am used to remove dry chemicals from the container.	scoopula	9
I usually hold liquids. I come in different sizes and have rough volume markings.	beaker	22
A variety of equipment can be attached to me, so your hands can be free.	retort stand	10
I convert electrical energy to heat energy for use in the lab.	hot plate	3
I am used to clean certain types of glassware.	test tube brush	13
I am used to accurately measure volume of liquids. I come in a variety of sizes and have fine volume markings.	graduated cylinder	12
This mesh pad is used when heating liquids. Glassware can sit carefully on my fireproof surface.	wire gauze	14
I am made of wood, but can also be made of plastic or metal. I am used to hold a certain type of common glassware.	test tube rack	18
I am a special type of glassware that is used to carefully measure one specific volume.	spot plate	15
I am used to grind dry chemicals into a fine powder.	mortar + pestle	8
If a large piece of glassware might be hot, I can be used to hold it safely.	beaker tongs	1
I am made of iron and can be attached to another piece of equipment; I can be used to hold a funnel or a pad on which to place glassware.	ring clamp	6
Eye am a piece of safety equipment.	safety goggles	19

If you need to add a chemical solution a little at a time, then you need me...	eye dropper	11
If a test tube is too hot or might become too hot, I can be used to hold it safely.	test tube holder	7
I am a special piece of equipment used as a source of intense heat.	Bunsen burner	5
Use me if you want to stir a solution safely.	stirring rod	2
I usually hold liquids. I come in different sizes and have rough volume markings. I can be sealed with a rubber stopper.	Erlenmeyer flask	4
If you want to look at something under the microscope, I would be useful.	glass slide	20
I am a very common piece of lab glassware. I come in different sizes and have no volume markings. Chemicals are often mixed in me.	test tube	21
I produce a spark - another piece of lab equipment could not produce heat without me.	flint lighter	17

- | | |
|---------------------|---------------------------|
| 1 beaker tongs | 12 graduated cylinder |
| 2 stirring rod | 13 test tube brush |
| 3 hot plate | 14 heating pad wire gauze |
| 4 Erlenmeyer flask | 15 spot plate |
| 5 Bunsen burner | 16 funnel |
| 6 ring clamp | 17 flint lighter |
| 7 test tube holder | 18 test tube rack |
| 8 mortar and pestle | 19 safety goggles |
| 9 scoopula | 20 glass slide |
| 10 retort stand | 21 test tube |
| 11 eye dropper | 22 beaker |

Common Laboratory Equipment



Bunsen burner

Pipastem triangle

Evaporating dish

Test tubes

Beaker

Utility clamp

Ring stand

Iron ring

Mortar and pestle

Crucible and cover

Erlenmeyer flask

Gas bottle

Safety goggles

Corks

Watch glass

Wire gauze

Assorted rubber stoppers

Tongs

Lab burner

Pipet

Thermometer

Graduated cylinder

Wash bottle

Micropipets (standard and narrow stem)

Test tube holder

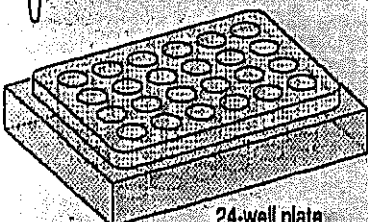
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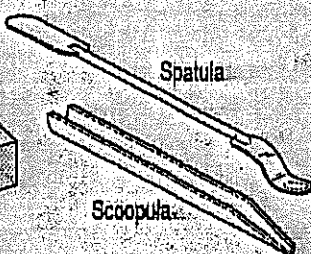
Buret

Dropper

Wire brush



24-well plate

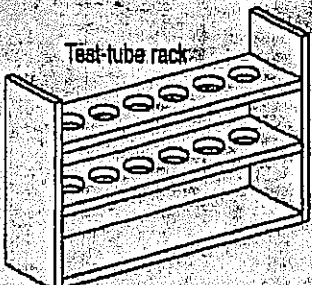


Spatula

Scoopula



Funnel



Test-tube rack