■ Container Lifecycle

Task	Command
List running containers	docker ps
List all containers (incl. stopped)	docker ps -a
Start a container	docker start <container_id_or_name>
Stop a container	docker stop <container_id_or_name>
Remove a container	docker rm <container_id_or_name>
Force remove (running)	docker rm -f <container_id_or_name>
View logs	docker logs <container_id_or_name>
Attach to running container	docker attach <container_id_or_name>
Run and remove container after exit	docker run --rm ...

■ Images

Task	Command
List images	docker images
Build image from Dockerfile	docker build -t <name:tag> .
Remove image	docker rmi <image_id_or_name>
Remove unused images	docker image prune
Tag image	docker tag <src> <repo>:<tag>
Push image to registry	docker push <repo>:<tag>
Pull image	docker pull <repo>:<tag>

■ Volumes

Task	Command
List volumes	docker volume ls
Inspect a volume	docker volume inspect <volume_name>
Remove volume	docker volume rm <volume_name>
Remove all unused volumes	docker volume prune

■ Networks

Task	Command
List networks	docker network ls
Inspect network	docker network inspect <network_name>

Create custom network	docker network create <name>
Connect container to network	docker network connect <network> <container>

■ Run / Exec / Copy

Task	Command
Run a container	docker run -it <image>
Run in background	docker run -d <image>
Execute command inside container	docker exec -it <container> <command>
Open shell in container	docker exec -it <container> bash
Copy from container to host	docker cp <container>:/path/in/container ./localpath
Copy from host to container	docker cp ./file <container>:/path/in/container

■ Docker Compose: Common Commands

Task	Command
Start all services	docker-compose up
Start in background (detached)	docker-compose up -d
Stop all services	docker-compose down
Stop and remove containers	docker-compose down --volumes --remove-orphans
Rebuild images and restart	docker-compose up --build
List all containers in project	docker-compose ps
Run command in service container	docker-compose exec <service> <command>
View logs for all services	docker-compose logs
View logs for one service	docker-compose logs <service>
Remove a specific service container	docker-compose rm <service>

■ Docker Compose: One-off Tasks

Task	Command
Run a one-time command in container	docker-compose run --rm <service> <command>
Run service and stop others when done	docker-compose up --abort-on-container-exit
Restart services	docker-compose restart

■ Clean-up Commands

Task	Command

Stop all running containers	docker stop $(docker ps -q)
Remove all containers	docker rm $(docker ps -aq)
Remove all images	docker rmi $(docker images -q)
Remove all unused volumes	docker volume prune
Remove everything (■■ destructive)	docker system prune -a