

The following exercise tests your knowledge of common preparatory commands for Fanuc turning controls. Match the G-codes from the numbered column with the answers in the lettered column. Use *Group A* G-codes.

1	G71	A	Grooving cycle
2	G98	B	Profile finishing cycle
3	G42	C	Constant surface speed mode (CSS)
4	G74	D	Tool nose radius offset to the left
5	G32	E	Programmable dwell in a separate block
6	G97	F	Machine zero return along the specified axis
7	G02	G	Maximum rpm setting in CSS / Position register
8	G03	H	Multiple repetitive cycle for threading
9	G76	I	Multiple repetitive cycle for turning
10	G04	J	Circular interpolation clockwise
11	G50	K	Direct r/min input (CSS mode cancel)
12	G92	L	Feedrate per revolution
13	G99	M	Threading command
14	G96	N	Drilling cycle
15	G28	O	Feedrate per minute
16	G41	P	Simple threading cycle
17	G72	Q	Tool nose radius offset to the right
18	G75	R	Circular interpolation counterclockwise
19	G40	S	Tool nose radius offset cancel
20	G70	T	Multiple repetitive cycle for facing

Item number ...	... matches letter	Item number ...	... matches letter
1		11	
2		12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9		19	
10		20	