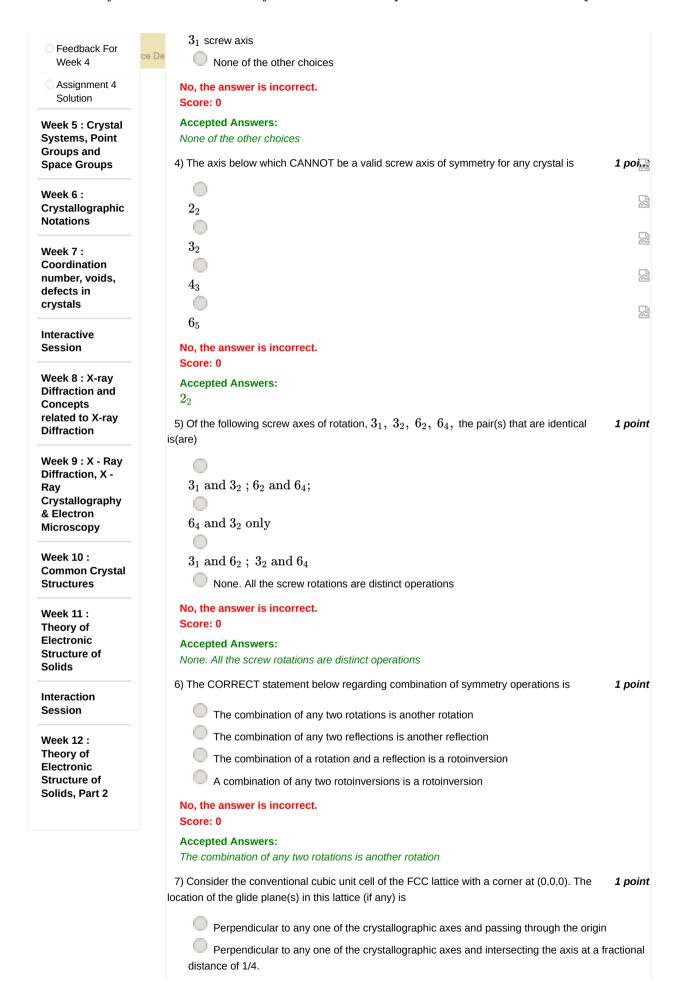






Funded by



Parallel to one of the crystallographic axes and intersecting the other two at $45^{o}$	
None. There are no glide planes in an FCC lattice.	
No, the answer is incorrect. Score: 0	
Accepted Answers:  Perpendicular to any one of the crystallographic axes and intersecting the axis at a fractional 1/4.	al distar <u>e</u> o
8) Which is the CORRECT statement about the diamond (d) glide ?	1 poi
The diamond glide involves translation by 1/2 along two crystallographic directions	CA.
The diamond glide involves translation by 1/4 along two crystallographic directions.	200
A diamond glide can be present in a crystal without an inversion center.	R
A diamond glide generates 2 symmetry operations.	
No, the answer is incorrect. Score: 0	
Accepted Answers: The diamond glide involves translation by 1/4 along two crystallographic directions.	
9) The symbol ∳ corresponds to a	1 point
glide reflection	
a 4 -fold rotoinversion axis	
a $4_2$ screw axis	
None of the other choices	
No, the answer is incorrect. Score: 0	
Accepted Answers: a 42 screw axis	
10)A dashed-dotted line — • — • — • represents	1 point
an $a,b,\ { m or}\ c$ glide reflection plane in the plane of the screen	
an $a,b,\ { m or}\ c$ glide reflection plane perpendicular to the plane of the screen	
a mirror plane parallel to the plane of the screen	
a diagonal glide reflection plane perpendicular to the plane of the screen	
No, the answer is incorrect. Score: 0	
Accepted Answers: a diagonal glide reflection plane perpendicular to the plane of the screen	
Previous Page End	t