

# Answer Key and Question Alignment to Course Framework

Multiple-Choice Question	Answer	Science Practice	Learning Objective	Unit
1	A	7.2	3.A.4.2	2
2	D	4.2	3.A.1.2	1
3	B	6.4	3.C.2.1	8
4	B	1.4	5.B.4.2	4
5	C	2.2	5.B.3.2	4
6	A	6.4	3.A.3.1	2
7	C	2.2	3.A.1.1	1
8	B	5.1	4.B.2.2	5
9	D	6.4	5.B.5.5	4
10	A	2.2	3.C.1.2	3
11	D	1.4	5.C.3.3	9
12	B	5.1	5.D.2.4	5
13	A	1.4	4.C.1.1	4
14	C	1.4	6.B.2.1	10
15	B, D	7.2	5.E.1.1	7
16	A, D	6.4	6.A.4.1	10

Free-Response Question	Question Type	Question Part	Science Practice	Learning Objective	Unit
1	Quantitative/ Qualitative Translation	(A)	6.4	3.A.3.1	3
		(B)	1.4, 2.2, 6.4	3.A.3.1, 3.B.2.1	2, 3
		(C)	2.2 5.1	3.B.3.3	6
		(D)	1.5	5.B.1.2	4
		(E)	1.4	4.D.2.1	7
2	Paragraph Argument Short Answer Question	(A)	1.1	3.B.2.1	2
		(B)	1.4, 2.1, 6.4	3.E.1.2, 4.C.1.1, 5.A.2.1, 5.B.4.1, 5.B.4.2	4

The scoring information for the questions within this course and exam description, along with further exam resources, can be found on the [AP Physics 1 Exam Page](#) on AP Central.