

Q1. (2019)

02.1	it is the same size as the downward force	1	AO2 6.5.4.3.2	A
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Q2. (2019)

03.1	there is a resultant force on the ball	1	AO1 6.5.4.2.1	A
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Q3. (2019)

03.4	the smaller ball has a smaller area	1	AO2 6.5.4.2.1	E
	(so) air resistance is less (on the smaller ball)	1		

Q4. (2020)

01.2	there is a resultant force acting on the ball	1	AO1 6.5.4.2.1	
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Q5. (2021)

01.2	the downward force is the same size as the upward force	1	AO2 6.5.1.2	
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Q6. (2021)

01.7	300 (N)	1	AO2 6.5.1.4	
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Q7. (2022)

a)

03.3	the resultant force on the apple is zero	1	AO1 6.5.4.2.1	
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b)

03.4	the resultant force on the apple is downwards	1	AO1 6.5.4.2.2	
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Q8. (2024)

01.3	450 (N)	1	AO2 6.5.1.4	
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