

## Year 10 Higher - Half Term 4 March - April

Students should use the links below to revise topics covered in the fourth half term.

### Section 1 Converting areas and volumes

Units: converting areas	<a href="#">Video 350</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Units: converting volumes	<a href="#">Video 351</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>

### Section 2 Compound Measures

Speed, distance and time	<a href="#">Video 299</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>
Density	<a href="#">Video 384</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>
Pressure	<a href="#">Video 385</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>

### Section 3 Area and Circumference

Area: L – shape	<a href="#">Video 42</a>		
Area: compound shapes	<a href="#">Video 41</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>
Area: trapezium	<a href="#">Video 48</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>
Area: circles	<a href="#">Video 40</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>
Circles: circumference	<a href="#">Video 60</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>

### Section 4 Arcs and Sectors

Area: sector	<a href="#">Video 46</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>
Circles: arc length	<a href="#">Video 58</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>

### Section 5 Volume

Volume: cube/cuboid	<a href="#">Video 355</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>
Volume: prism	<a href="#">Video 356</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>
Volume: cylinder	<a href="#">Video 357</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>
Volume: L-shape prism	<a href="#">Video 358</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>

### Section 6 Pythagoras

Pythagoras	<a href="#">Video 257</a>		
Pythagoras: rectangles/isosceles tri	<a href="#">Video 260</a>		
Pythagoras: show triangle is right angle	<a href="#">Video 261</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions 1</a>	<a href="#">Practice Questions answers</a>
		<a href="#">Practice Questions 2</a>	<a href="#">Practice Questions answers</a>
Pythagoras: 3D	<a href="#">Video 259</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>
Pythagoras on a graph	<a href="#">Video 258</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>

### Section 7 Trigonometry

Trigonometry introduction:	<a href="#">Video 329</a>		
Trigonometry missing sides:	<a href="#">Video 330</a>		
Trigonometry missing angles:	<a href="#">Video 331</a>	<a href="#">Textbook Exercise</a>	<a href="#">Textbook answers</a>
Review		<a href="#">Practice Questions</a>	<a href="#">Practice Questions answers</a>

Trigonometry: 3D  
Review

[Video 332](#)

[Textbook Exercise  
Practice Questions](#)

[Textbook answers  
Practice Questions answers](#)

**Section 8 Similar Shapes**

Similar shapes: finding sides  
Review

[Video 292](#)

[Textbook Exercise  
Practice Questions](#)

[Textbook answers  
Practice Questions answers](#)

Similar shapes: area

[Video 293a](#)

[Practice Questions](#)

Similar shapes: volume

[Video 293b](#)

[Practice Questions answers](#)