

Year 10 Higher - Half Term 2 November – December

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

Section 1 Decimals Multiply and Divide

Decimals: multiplying	Video 94	Textbook Exercise	Textbook answers
Decimals: dividing decimals by integers	Video 93	Textbook Exercise	Textbook answers
Decimals: division by decimals	Video 92	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers

Section 2 Recurring Decimas

Decimals: recurring decimals	Video 96	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers

Section 3 Equivalence – Fractions, Decimals, Percentages

FDP: mixture	Video 130	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
FDP: ordering	Video 131	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers

Section 4 Fractions

Fractions: fraction of an amount	Video 137	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Fractions: finding the original	Video 138	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Fractions: addition diff denominators	Video 133	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Fractions: multiplication	Video 142	Textbook Exercise	Textbook answers
Fractions: division	Video 134	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers

Section 5 Percentages

Percentages: of an amount (non-calc)	Video 234	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Percentages: expressing as	Video 237	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Percentages: change	Video 233	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Percentages: multipliers	Video 239	Textbook Exercise	Textbook answers
Percentages: of an amount (calculator)	Video 235	Textbook Exercise	Textbook answers
Percentages: increasing/decreasing by	Video 238	Textbook Exercise	Textbook answers
Review		Practice Questions	Textbook answers
Percentages: compound interest	Video 236	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Percentages: reverse	Video 240	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers

Section 6 Ratio

Ratio: simplifying	Video 269	Textbook Exercise	Textbook answers
Ratio: express as fractions or %	Video 269a	Textbook Exercise	Currently no answers
Ratio: sharing the total	Video 270	Textbook Exercise	Textbook answers
Ratio: given one value	Video 271	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Ratio: given two ratios	Video 271a	Textbook Exercise	Textbook answers
Ratio: difference between	Video 271b	Textbook Exercise	Textbook answers

Ratio: solving problems QUESTIONS GET HARD

[Textbook Exercise](#)

[Textbook answers](#)

Section 7 Indices

Indices (numerical)

[Video 172](#)

[Textbook Exercise](#)

[Textbook answers](#)

Review

[Practice Questions](#)

[Practice Questions answers](#)

Indices: laws of

[Video 174](#)

[Textbook Exercise](#)

[Textbook answers](#)

Review

[Practice Questions](#)

[Practice Questions answers](#)

Indices: fractional

[Video 173](#)

[Textbook Exercise](#)

[Textbook answers](#)

Indices: negative

[Video 175](#)

[Textbook Exercise](#)

[Textbook answers](#)

Review

[Practice Questions](#)

[Practice Questions answers](#)

Section 8 Standard Form

Standard form

[Video 300](#)

Q1-6

Standard form: addition

[Video 301](#)

Q10

Standard form: multiplication

[Video 302](#)

Q7-9

Standard form: division

[Video 303](#)

[Textbook Exercise](#)

[Textbook answers](#)

Review

[Practice Questions](#)

[Practice Questions answers](#)

Section 9 Direct and Inverse Proportion

Proportion: direct

[Video 254](#)

Proportion: inverse

[Video 255](#)

[Textbook Exercise](#)

[Textbook answers](#)

Review

[Practice Questions](#)

[Practice Questions answers](#)