hegartymaths

Year 12 transition course

As you transition from Year 11 to Year 12, it is very important to refresh your memory on certain mathematical skills. Moreover, it is vital that you have a sound understanding of some more difficult skills. In the tables below, you will find the skills that you should be confident with as you start Year 12. Get 100% on each and use the videos if you are stuck.

Strand	Topic	Skill	Skill #
Number	Fractions	Multiply whole number by fractions	67
		Multiplying fractions 1	68
		Multiplying fractions 2	69
		Dividing fractions	70
		Reciprocal of fractions	71
	Indices, powers & roots	Index form 1 (intro)	102
		Index form 2 (power of 0 & 1)	103
		Index form 3 (power of negative integers)	104
		Index form 4 (multiplying indices)	105
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		Index form 6 (power of power rule)	107
		Index form 7 (powers of unit fractions)	108
		Index form 8 (powers of nonunit fractions)	109
		Index form 9 (combination of rules)	110
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		Brackets involving surds 1	116
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		Rationalising surds 1	118
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		Order of operations 3 (indices & roots)	120
	Estimation	Round to significant figures	130
Algebra	Manipulating expressions	Collecting like terms 2	157
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		Simplifying expressions involving division	159
		Expand two single brackets & simplify	161

Strand	Topic	Skill	Skill #
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		Expand double brackets 3	164
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		Solve 2step equations (involving division)	180
		Solve 2step equations (x on denominator)	181
		Solve 2step equations (x negative)	182
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Strand	Topic	Skill	Skill #
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Strand	Topic	Skill	Skill #
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