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Here is a summary of the files on each *projectmaths* CD:

Mathematics HSC 2005 to 2009:

- 5 HSC papers with hyperlinked solutions
- HSC questions arranged by Topic with hyperlinked solutions
- pdf files of 5 HSC papers
- All worked solutions with BOS marker's comments

General Mathematics HSC 05 to 09

- 5 HSC papers with hyperlinked solutions
- HSC questions arranged by Topic with hyperlinked solutions
- pdf files of 5 HSC papers
- All worked solutions with BOS marker's comments

Mathematics SC 2005 to 2009:

- SC questions arranged by Topic
- 5 SC papers
- 5 Non-calculator sections
- 12 worksheets – 30 minutes each
- 4 option questions

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<p>Basic Arithm. & Algebra Real Functions Series and Applications Geometric App of Deriv Trigonometric Functions Expon Growth & Decay</p>	<p>Plane Geometry Trigonometric Ratios Tangent to Curve & Derivative MATHEMATICS HSC Combined Topics</p>	<p>Probability Linear Functions and Lines Quadratic Polynomial and Expon Functions Kinematics (x, v, a)</p>																																																																						
Basic Arithmetic and Algebra																																																																								
09 1b	Solve $\frac{5x-4}{x} = 2$.	2 Solution																																																																						
09 1c	Solve $ x+1 = 5$	2 Solution																																																																						
08 1b	Factorise $3x^2 + x - 2$	2 Solution																																																																						
Page 1																																																																								
<p>FM: Earning Money (P) FM: Depreciation (H) DA: Statistics, Data Collection (P) M: Units (P) M: Right angled Triangles (P) M: Trigonometry (H) P: Chance, Relative frequency (P) AM: Basic Algebraic Skills (P)</p>	<p>FM: Investing Money (P) FM: Credit and Borrowing (H) DA: Interpret. data, Correlation (H) M: Area and Volume (P) GENERAL MATHS HSC P: Multi-stage events, Apps (H) AM: Alg techs, Linear & Non Lin (H)</p>	<p>FM: Taxation (P) FM: Annuities & Loan R (H) DA: z-scores & Norm Dis (H) M: Similar Shapes (P) Apps of Area and Vol (H) P: Financial Expectation (H) (P): Preliminary (H): HSC</p>																																																																						
Financial Mathematics – Earning Money																																																																								
09 10	Billy worked for 35 hours at the normal hourly rate of pay and for five hours at double time. He earned \$561.60 in total for this work. What was the normal hourly rate of pay? (A) \$7.02 (B) \$12.48 (C) \$14.04 (D) \$16.05	1 Solution																																																																						
pg 1																																																																								
Data																																																																								
<p>D 09 5 A train timetable from Richmond to Town Hall is shown.</p> <table border="1" style="font-size: small;"> <thead> <tr> <th></th> <th>pm</th> <th>pm</th> <th>pm</th> <th>pm</th> <th>pm</th> <th>pm</th> </tr> </thead> <tbody> <tr> <td>Richmond</td> <td>6.55</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Blacktown</td> <td>7.09</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Parramatta</td> <td>7.12</td> <td>7.28</td> <td>7.42</td> <td>7.58</td> <td>8.05</td> <td>8.12</td> </tr> <tr> <td>Granville</td> <td>7.20</td> <td>7.33</td> <td>7.50</td> <td>8.03</td> <td>8.16</td> <td>8.20</td> </tr> <tr> <td>Lidcombe</td> <td>7.26</td> <td>7.39</td> <td>7.56</td> <td>8.10</td> <td>8.16</td> <td>8.26</td> </tr> <tr> <td>Strathfield</td> <td>7.37</td> <td>7.51</td> <td>8.07</td> <td>8.22</td> <td>8.30</td> <td>8.37</td> </tr> <tr> <td>Redfern</td> <td>7.40</td> <td>7.54</td> <td>8.10</td> <td>8.25</td> <td>8.30</td> <td>8.40</td> </tr> <tr> <td>Central</td> <td>7.43</td> <td>7.57</td> <td>8.13</td> <td>8.28</td> <td>8.43</td> <td>8.58</td> </tr> <tr> <td>Town Hall</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		pm	pm	pm	pm	pm	pm	Richmond	6.55						Blacktown	7.09						Parramatta	7.12	7.28	7.42	7.58	8.05	8.12	Granville	7.20	7.33	7.50	8.03	8.16	8.20	Lidcombe	7.26	7.39	7.56	8.10	8.16	8.26	Strathfield	7.37	7.51	8.07	8.22	8.30	8.37	Redfern	7.40	7.54	8.10	8.25	8.30	8.40	Central	7.43	7.57	8.13	8.28	8.43	8.58	Town Hall							<p>MATHEMATICS SC es at Richmond at 6.28 pm train to Town Hall. According to the timetable, what is the earliest time she can arrive at Town Hall?</p>	
	pm	pm	pm	pm	pm	pm																																																																		
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<p>D 09 8 During a tennis match, information on Doug's serve is recorded in the table shown.</p> <table border="1" style="font-size: small;"> <thead> <tr> <th>Type of serve</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>Fault</td> <td>25</td> </tr> </tbody> </table>	Type of serve	Frequency	Fault	25	<p>What is the probability that Doug will serve an ace on his next serve?</p>																																																																			
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Fault	25																																																																							

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