Higher Revision Mat 1 - Answers

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| --- | --- | --- | --- | --- | --- | --- |
| **6** | 20 | x=3 or x=-8 | x=4y=3 | $$\frac{3}{4}$$ | $$x\leq -6$$ | 105 |
| **5** | x=5y=2 | $$x\geq -2$$ | 15.62 | x=21y=32 | (x+4)2+4 | $$\frac{x+1}{6}$$ |
| **4** | 32 | (x-3)2+1 | $$\frac{x+11}{x+3}$$ | x=6y=7 | $$x\leq 4$$ | 16.97 |
| **3** | x=2 or x=-2 | 33.69 | (x-5)(x-4) | $$x\leq 8$$ | x=140y=110 | $$\frac{8x^{2}}{5}$$ |
| **2** | 55 | $$x<2$$ | x=4 or x=-1 | 32.23 | (2x-1)(x+3) | 65 |
| **1** | x<3 | $$\frac{7}{16x}$$ | 90 | (x+5)(x+2 | 7.42 | x=3 orx=4 |
|  | **1** | **2** | **3** | **4** | **5** | **6** |