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| **1** | **Find the middle proportion between 3 and 27** |
| **2** | **Find the third proportion for 6 and 12** |
| **3** | **If b is the middle proportion between a and c , prove that :  =** |
| **4** | **If b is middle proportion between a and c , prove that :  =** |
| **5** | **If a , b , c and d are in continued proportion prove that :  =** |
| **6** | **If a , b , c and d are in continued proportion prove that :  =** |
| **7** | **If a , b , c and d are in continued proportion prove that :  =** |



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| **1** | **Find the middle proportion between – 2 and – 8** |
| **2** | **Find the third proportion for 3 and 6** |
| **3** | **If b is the middle proportion between a and c , prove that :  =** |
| **4** | **If b is the middle proportion between a and c , prove that :  =** |
| **5** | **If b is the middle proportion between a and c , prove that :  =** |
| **6** | **If b is the middle proportion between a and c , prove that :  +  =** |
| **7** | **If a , b , c and d are in continued proportion prove that :  =** |
| **8** | **If a , b , c and d are in continued proportion prove that :  =** |
| **9** | **If a , b , c and d are in continued proportion prove that :  =** |
| **10** | **If a , b , c and d are in continued proportion prove that :  = +-1** |
| **11** | **If  =  , prove that b is the middle proportion between a and c where ac is a positive quantity.** |



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| **1** | **2014 Exam ( 6 ) Question ( 2 ) ( b )** |
| **2** | **2013 Exam ( 7 ) Question ( 3 ) ( a )** |
| **3** | **2013 Exam ( 10 ) Question ( 4 ) ( b )** |
| **4** |  |
| **5** | **2013 Exam ( 1 ) Question ( 5 ) ( b )** |
| **6** | **2015 Exam ( 2 ) Question ( 2 ) ( b )** |
| **7** | **2015 Exam (13) Question ( 3 ) ( b )** |
| **8** | **2014 Exam ( 10 ) Question ( 4 ) ( b )** |
| **9** | **2015 Exam ( 8 ) Question ( 2 ) ( b )** |
| **1** | **2015 Exam ( 15 ) Question ( 3 ) ( a )** |
| **2** | **2015 Exam ( 8 ) Question ( 3 ) ( a )** |
| **3** | **2014 Exam ( 11 ) Question ( 2 ) ( a )** |
| **4** | **2014 Exam ( 1 ) Question ( 4 ) ( b )** |
| **5** | **2014 Exam (15) Question ( 5 ) ( a )** |
| **6** | **2014 Exam ( 8 ) Question ( 3 ) ( a )** |
| **7** | **2015 Exam ( 6 ) Question ( 4 ) ( a )** |
| **8** | **2013 Exam ( 10 ) Question ( 4 ) ( b )** |
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| **11** | **2013 Exam ( 1 ) Question ( 5 ) ( b )** |
| **12** | **2015 Exam (15) Question ( 4 ) ( a )** |
| **13** | **2015 Exam ( 10 ) Question ( 3 ) ( b )** |
| **14** | **2015 Exam (14) Question ( 5 ) ( a )** |



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