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| **Question 1:**  What is the number of circles passing through a given pair of points? |
| **Option A:**  One |
| **Option B:**  Two |
| **Option C:**  Three |
| **Option D:**  Infinite |
| **Correct Option:**  **D** |
| **Solution**  There are infinitely many circles passing through the given points. |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |

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| **Question 2:**  A circle placed against a right angled triangle centred at O is the 14 cm radius. What is the radius of the smaller circle placed in the remaining gap. |
| **Option A:** |
| **Option B:** |
| **Option C:** |
| **Option D:** |
| **Correct Option:**  **D** |
| **Solution**  Let the radius of smaller circle =r cm=  So, |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |

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| **Question 3:**  If O represents centre of the circle and PQ=PO=QR, then find the value of x. |
| **Option A:** |
| **Option B:** |
| **Option C:** |
| **Option D:**  Cannot be determined |
| **Correct Option:**  **D** |
| **Solution**  We have ,  Using PQ=PO, we get .  Also but as no angle has given, we cannot determine the value of x. |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |