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|  | Questions included from the following topics* [Linear Equations in one Variable](https://drive.google.com/file/d/0B8hXbvn1ab-BYng4LTVRb3VTUTg/view?usp=sharing&resourcekey=0-8MLj9LRxwRCkjrIfptq1ig)
* [Understanding Quadrilaterals](https://drive.google.com/file/d/0B8hXbvn1ab-BTEk0ZEVtckl6YWc/view?usp=sharing&resourcekey=0-l2ZhOMCcMHDxtYRrLjqBfw)
* [Square and Square Roots](https://drive.google.com/file/d/0B8hXbvn1ab-BNTEwQjg2NU1KLXc/view?usp=sharing&resourcekey=0-bpywx5RzAAZz6oL8scjwGg)
* [Cube and Cube Roots](https://drive.google.com/file/d/0B8hXbvn1ab-Bc0dWNVJ0TldJSHc/view?usp=sharing&resourcekey=0-KfmxWlfXz3-fgtgbwpDweQ)
* [Comparing Quantities](https://drive.google.com/file/d/0B8hXbvn1ab-BMm1vRXI0TlVMQ1U/view?usp=sharing&resourcekey=0-2pGl8iaJs1cWtoFgTCkm4Q)
* [Algebraic Expressions and Identities](https://drive.google.com/file/d/0B8hXbvn1ab-BT3E3a3piOG1iT0U/view?usp=sharing&resourcekey=0-ZE_YTwbznPTO5aIs3mQTpg)
* [Mensuration](https://drive.google.com/file/d/0B8hXbvn1ab-BekFUTWpCTl9qUEU/view?usp=sharing&resourcekey=0-KoAHDIUu6EtbWNAM629PUw)
* [Exponents and Powers](https://drive.google.com/file/d/0B8hXbvn1ab-BMXd6X2pqSWVKbWs/view?usp=sharing&resourcekey=0-NTXTkSAXSRNkdb5lNxaxzg)
* [Direct and Inverse Proportions](https://drive.google.com/file/d/0B8hXbvn1ab-BU1pkUXJtbUF3b2s/view?usp=sharing&resourcekey=0-RTTvZ-e6lJhYbULU2IJVlQ)
* [Factorization](https://drive.google.com/file/d/0B8hXbvn1ab-BeEFleFpLZE5Ea1U/view?usp=sharing&resourcekey=0-es82WeTRX0CN8WQfmhW-AA)
* Circle
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|  | **Sample questions** |
| 1 | Find the value of x if $\frac{1}{2} x+ $if $\frac{5}{2} x$ = -9/2 |
| 2 | Ratio of adjacent angle of a parallelogram is 8:3 find all angles. |
| 3 | Find the square root of 4141 |
| 4 | X5  = 32, find the X. |
| 5 | Find the area of circle having radius 7 cm. |
| 6 | If the perimeter of circle is equal to perimeter of square. Find the ratio of their areas. |
| 7 | 12.5 % of a number is 515. Find the number. |
| 8 | (0.25x+ 1.59) (0.25x ˗ 1.59) = ? |
| 9 | Cost of 3 pens are 56Rs find the cost how many pen can bought in 48 Rs. |
| 10 | Factories x2+x-2 |