Systematic Trial and Improvement.

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| --- |
| A Solve  **x2 = 30.**  Give your answer correct  to **1 decimal place** |
| B Solve  **x2 + x = 25.**  Give your answer correct  to **1 decimal place** |
| C Solve  **x2 - x = 60.**  Give your answer correct  to **1 decimal place** |
| D Solve  **x3 = 30.**  Give your answer correct  to **1 decimal place** |
| E Solve  **x2 + 2x = 24.**  Give your answer correct  to **1 decimal place** |
| F Solve  **x2 - 4x = 900.**  Give your answer correct  to **1 decimal place** |

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| G Solve  **x2 - 8x – 12 = 248.**  Give your answer correct  to **1 decimal place** |
| H Solve  **x2 + 6x – 28 = 1000.**  Give your answer correct  to **1 decimal place** |
| I Solve  **x3 + x2 = 1000.**  Give your answer correct  to **1 decimal place** |
| J Solve  **x2 - x + 7 = 840.**  Give your answer correct  to **1 decimal place** |
| K Solve  **x3 - x2 = 500.**  Give your answer correct  to **1 decimal place** |
| L Volume = 120cm3.  x  Find x correct  to **1 decimal**  **place.**  x  x-1 |

**Solutions:**

**A)** x = \_\_\_ **B)** x = \_\_\_ **C)** x = \_\_\_ **D)** x = \_\_\_ **E)** x = \_\_\_

**F)** x = \_\_\_ **G)** x = \_\_\_ **H)** x = \_\_\_ **I)** x = \_\_\_ **J)** x = \_\_\_

**K)** x = \_\_\_ **L)** x = \_\_\_

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**A)** x = \_\_\_ **B)** x = \_\_\_ **C)** x = \_\_\_ **D)** x = \_\_\_ **E)** x = \_\_\_

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