

**Beginning Numbers 1 \* Problems A, B, C, D**  
 Designed for Success & Diagnostic Analysis!

Try using **Mental Math** to solve problems!  
 Try using a **Basic Calculator** if necessary!  
Check Results, Collaborate, Get/Give Help!

WholeNs: No Carry,Borrow,Digit, No Remainder  
 Mental Math and Basic Calculator can be used!

$613 + 25 =$                        $3.2 + .54 =$

$485 - 32 =$                        $7.8 - 3.6 =$

$13 \times 7 =$                        $.6 \times .8 =$

$528 / 4 =$                        $.64 / .2 =$

Fractions: **Like Denominators & No Reducing**  
 Mental Math and Basic Calculator can be used!

$2/7 + 3/7 =$                        $2 \frac{3}{8} + 3 \frac{4}{8} =$

$7/9 - 5/9 =$                        $5 \frac{4}{5} - 2 \frac{3}{5} =$

$4/5 \times 2/3 =$                        $1 \frac{1}{2} \times 1 \frac{3}{4} =$

$2/3 / 5/7 =$                        $1 \frac{2}{3} / 1 \frac{2}{7} =$

**Exponents** 0,1,2 Easy! **Radicals:** 1,2,3,... Easy!  
 Mental Math and Basic Calculator can be used!

$6^2 + 8^0 =$                        $\sqrt{81} + \sqrt{4} =$

$4^2 - 9^1 =$                        $\sqrt{49} - \sqrt{25} =$

$5^0 \times 7^2 =$                        $\sqrt{36} \times \sqrt{9} =$

$6^2 / 3^1 =$                        $\sqrt{64} / \sqrt{16} =$

**Proportions & Percentages:** Simple & Easy!  
 Mental Math and Basic Calculator can be used!

$3 : 6 = \underline{W} : 8$                       25% of 28 is A

$\underline{X} : 3 = 6 : 9$                       B % of 24 is 18

$2 : 3 = 4 : \underline{Y}$                       50% of C is 16

$6 : \underline{Z} = 4 : 6$                       D % of 30 is 45

**Beginning Numbers 1 \* Problems E, F, G, H**  
 Designed for Confidence & Self - Motivation!

Try using **Mental Math** to solve problems!  
 Try using a **Basic Calculator** if necessary!  
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WholeNs: No Carry,Borrow,Digit, No Remainder  
 Mental Math and Basic Calculator can be used!

$6 : \underline{B} = 4 : 6$                       A % of 30 is 45

$6^2 / 3^1 =$                        $\sqrt{64} / \sqrt{16} =$

$2/3 / 5/7 =$                        $1 \frac{2}{3} / 1 \frac{2}{7} =$

$528 / 4 =$                        $.64 / .2 =$

Fractions: **Like Denominators & No Reducing**  
 Mental Math and Basic Calculator can be used!

$2 : 3 = 4 : \underline{R}$                       50% of S is 16

$5^0 \times 7^2 =$                        $\sqrt{36} \times \sqrt{9} =$

$4/5 \times 2/3 =$                        $1 \frac{1}{2} \times 1 \frac{3}{4} =$

$13 \times 7 =$                        $.6 \times .8 =$

**Exponents** 0,1,2 Easy! **Radicals:** 1,2,3,... Easy!  
 Mental Math and Basic Calculator can be used!

$\underline{P} : 3 = 6 : 9$                       Q % of 24 is 18

$4^2 - 9^1 =$                        $\sqrt{49} - \sqrt{25} =$

$2/7 + 3/7 =$                        $2 \frac{3}{8} + 3 \frac{4}{8} =$

$613 + 25 =$                        $3.2 + .54 =$

**Proportions & Percentages:** Simple & Easy!  
 Mental Math and Basic Calculator can be used!

$3 : 6 = \underline{G} : 8$                       25% of 28 is H

$6^2 + 8^0 =$                        $\sqrt{81} + \sqrt{4} =$

$485 - 32 =$                        $7.8 - 3.6 =$

$7/9 - 5/9 =$                        $5 \frac{4}{5} - 2 \frac{3}{5} =$