

# Math Practice Sheets

Add and Subtract Whole Numbers and Decimals Part I

Student Name

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Examples

Practice Questions

Extra Challenge Unit

**Unit  
2.1****Mental Math on Addition and Subtraction****Example**

You can use mental math to add or subtract.  
Commutative and associative properties simplify addition and subtraction.

Commutative Property of Addition: Change of order of addends does not change the sum. i.e.  $2 + 3 = 5$  and  $3 + 2 = 5 \Rightarrow 2 + 3 = 3 + 2$

Associative Property of Addition: Changing the group of addends does not change the sum. i.e.  $4 + (6 + 7) = 4 + 13 = 17$   
and  $(4 + 6) + 7 = 10 + 7 = 17 \Rightarrow 4 + (6 + 7) = (4 + 6) + 7$

Sometimes you can use compensation to add or subtract.

Find  $48 + 36$  mentally.

$50 + 36 = 86$	
$\uparrow$ 2 more than 48	$\uparrow$ So, the final answer is 2 less than 86.

$$48 + 36 = 84$$

Find  $94 - 27$  mentally.

$94 - 30 = 64$	
$\uparrow$ 3 more than 27	$\uparrow$ So, the final answer is 3 less than 64.

$$94 - 27 = 61$$

**Exercise**

1. Add or subtract using mental math.

a)  $27 + 14 + 3$

b)  $85 + 26 + 4$

c)  $38 + 26$

d)  $73 - 37$

e)  $62 + 14 + 8$

f)  $92 - 45$