

Name: \_\_\_\_\_

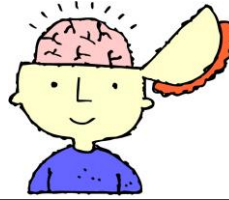
8

Curriculum Connection  
N.2

## Mental Math - Adding Decimals - Place Value

Directions:

1. Add the decimals
2. Add the whole numbers
3. Add the two answers together



$$5.54 + 3.72$$

$$0.04 + 0.02 = 0.06$$

$$0.5 + 0.7 = 1.20$$

$$5.00 + 3.00 = 8.00$$

$$0.06 + 1.20 + 8 = 9.26$$

$$2.34 + 1.45$$

$$0.04 + 0.05 = 0.09$$

$$0.30 + 0.40 = 0.70$$

$$2.00 + 1.00 = 3.0$$

$$0.09 + 0.70 + 3.0 = 3.79$$

$$3.67 + 4.22$$

$$5.25 + 4.63$$

$$16.46 + 5.23$$

$$25.46 + 12.32$$

$$26.37 + 22.14$$

$$28.56 + 13.26$$

$$36.34 + 23.26$$

Name: \_\_\_\_\_

9

Curriculum Connection  
N.2

## Mental Math - Adding Decimals - Adding Chunks

### Directions:

1. Keep the bigger number the same
2. Add the other whole number to the bigger number
3. Add the decimal your answer



$$\begin{aligned}5.53 + 3.74 \\5.53 + 3 &= 8.53 \\8.53 + 0.7 &= 9.23 \\9.23 + 0.04 &= 9.27\end{aligned}$$

$$\begin{aligned}3.32 + 2.45 \\3.32 + 2 &= 5.32 \\5.32 + 0.4 &= 5.72 \\5.72 + 0.05 &= 5.77\end{aligned}$$

$$1.57 + 4.42$$

$$5.64 + 5.34$$

$$14.53 + 6.34$$

$$18.43 + 14.24$$

$$29.34 + 10.32$$

$$34.56 + 12.36$$

$$42.53 + 35.42$$

# Adding Decimals - Thousandths - No Regrouping

## Questions

Use the standard algorithm to solve the addition problems below

1)						
	3	3	.	5	3	6
+	2	6	.	1	5	1
			.			

2)						
	2	5	.	2	2	4
+	6	2	.	3	7	2
			.			

3)						
	2	1	.	1	6	7
+	6	4	.	2	3	1
			.			

4)						
	2	3	.	1	4	8
+	4	6	.	7	3	1
			.			

5)						
	5	1	.	5	1	4
+	3	6	.	2	1	4
			.			

6)						
	6	3	.	4	2	1
+	3	2	.	4	7	8
			.			

7)							
	2	3	0	.	3	0	1
+	3	5	1	.	5	4	2
			.				

8)							
	4	7	3	.	5	6	4
+	2	1	2	.	3	3	1
			.				

9)							
	6	1	4	.	1	8	5
+	2	5	2	.	6	0	3
			.				

**Adding Decimals - Thousandths - No Regrouping****Questions**

Use the standard algorithm to solve the addition problems below

1) $\begin{array}{r} 53.131 \\ + 32.427 \\ \hline \end{array}$	2) $\begin{array}{r} 44.553 \\ + 21.225 \\ \hline \end{array}$	3) $\begin{array}{r} 31.452 \\ + 12.427 \\ \hline \end{array}$	4) $\begin{array}{r} 56.132 \\ + 31.313 \\ \hline \end{array}$	5) $\begin{array}{r} 32.716 \\ + 54.213 \\ \hline \end{array}$
6) $\begin{array}{r} 42.843 \\ + 24.125 \\ \hline \end{array}$	7) $\begin{array}{r} 43.767 \\ + 25.212 \\ \hline \end{array}$	8) $\begin{array}{r} 72.323 \\ + 26.556 \\ \hline \end{array}$	9) $\begin{array}{r} 31.255 \\ + 41.103 \\ \hline \end{array}$	10) $\begin{array}{r} 23.521 \\ + 23.238 \\ \hline \end{array}$
11) $\begin{array}{r} 60.684 \\ + 22.302 \\ \hline \end{array}$	12) $\begin{array}{r} 44.297 \\ + 32.602 \\ \hline \end{array}$	13) $\begin{array}{r} 16.324 \\ + 12.552 \\ \hline \end{array}$	14) $\begin{array}{r} 24.368 \\ + 24.431 \\ \hline \end{array}$	15) $\begin{array}{r} 31.254 \\ + 17.632 \\ \hline \end{array}$
16) $\begin{array}{r} 32.384 \\ + 15.314 \\ \hline \end{array}$	17) $\begin{array}{r} 46.846 \\ + 41.012 \\ \hline \end{array}$	18) $\begin{array}{r} 38.348 \\ + 41.641 \\ \hline \end{array}$	19) $\begin{array}{r} 44.637 \\ + 34.352 \\ \hline \end{array}$	20) $\begin{array}{r} 71.572 \\ + 28.226 \\ \hline \end{array}$
21) $\begin{array}{r} 63.246 \\ + 4.413 \\ \hline \end{array}$	22) $\begin{array}{r} 14.54 \\ + 24.32 \\ \hline \end{array}$	23) $\begin{array}{r} 63.672 \\ + 36.124 \\ \hline \end{array}$	24) $\begin{array}{r} 42.365 \\ + 53.432 \\ \hline \end{array}$	25) $\begin{array}{r} 73.826 \\ + 14.013 \\ \hline \end{array}$

# Adding Decimals - Regrouping

## Questions

Use the standard algorithm to solve the addition problems below

1)						
	5	6	8	.	3	2
+	2	2	4	.	4	6
				.		

2)						
	5	4	9	.	5	3
+	1	2	2	.	3	6
				.		

3)						
	6	5	6	.	4	9
+	2	3	2	.	1	5
				.		

4)							
	5	3	4	.	0	2	3
+	3	8	1	.	0	8	2
				.			

5)							
	3	1	4	.	3	6	7
+	9	5	2	.	5	3	5
				.			

6)							
	3	4	7	.	7	8	2
+	5	3	1	.	5	1	6
				.			

7)							
	8	7	3	.	6	5	7
+		0	8	.	7	3	8
				.			

8)							
	3	5	5	.	5	1	9
+	2	8	2	.	5	2	6
				.			

9)							
	5	6	4	.	6	8	7
+		2	9	.	2	7	1
				.			

# Adding Decimals - Regrouping

**Questions**

Use the standard algorithm to solve the addition problems below

1) $\begin{array}{r} 63.722 \\ + 25.543 \\ \hline \end{array}$	2) $\begin{array}{r} 65.458 \\ + 23.323 \\ \hline \end{array}$	3) $\begin{array}{r} 38.345 \\ + 26.537 \\ \hline \end{array}$	4) $\begin{array}{r} 35.256 \\ + 41.632 \\ \hline \end{array}$
5) $\begin{array}{r} 26.454 \\ + 17.335 \\ \hline \end{array}$	6) $\begin{array}{r} 56.528 \\ + 36.335 \\ \hline \end{array}$	7) $\begin{array}{r} 28.265 \\ + 17.632 \\ \hline \end{array}$	8) $\begin{array}{r} 66.574 \\ + 29.213 \\ \hline \end{array}$
9) $\begin{array}{r} 192.673 \\ + 325.235 \\ \hline \end{array}$	10) $\begin{array}{r} 374.214 \\ + 53.523 \\ \hline \end{array}$	11) $\begin{array}{r} 283.335 \\ + 593.525 \\ \hline \end{array}$	12) $\begin{array}{r} 652.514 \\ + 95.337 \\ \hline \end{array}$

**Part 2**

Answer the word problems below

1) Neill just ran a 200m race. He ran the first 100m in 12.326 seconds and the second 100m in 13.63 seconds. How long did it take him to finish the race?

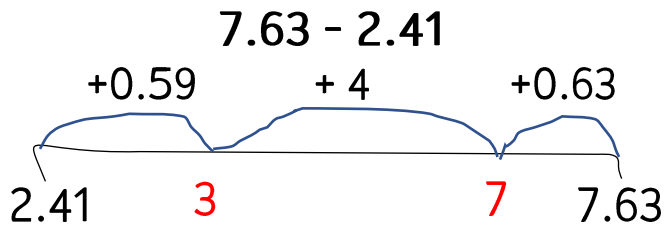


2) Erica's pet snake was 17.425cm long when she got it. The snake grew 4.39cm in the last year. How long is the snake now?



**Mental Math - Subtracting Decimals - Counting Up****Directions:**

1. Start with the smaller number
2. Count up from the smaller number to the bigger number to find the difference
3. The difference is the answer



Answer =  $0.59 + 4 + 0.63 = 5.22$

$4.62 - 3.31$

$8.56 - 4.14$

$9.67 - 7.15$

$13.64 - 11.84$

$22.85 - 15.78$

$27.37 - 22.83$

$37.62 - 32.91$

Name: \_\_\_\_\_

15

Curriculum Connection  
N.2

## Mental Math - Subtracting Decimals - Subtracting Chunks

### Directions:

1. Keep the bigger number the same
2. Subtract the other whole number from the bigger number
3. Subtract the decimal from your answer

$$\begin{aligned}6.36 - 3.51 \\6.36 - 3 &= 3.36 \\3.36 - 0.50 &= 2.86 \\2.86 - 0.01 &= 2.85\end{aligned}$$

$$4.68 - 2.42$$

$$4.68 - 2 = 2.68$$

$$2.68 - 0.4 = 2.28$$

$$2.28 - 0.02 = 2.26$$

$$4.72 - 3.15$$

$$9.25 - 6.23$$

$$16.57 - 11.76$$

$$21.55 - 6.42$$

$$28.59 - 10.43$$

$$53.68 - 12.72$$

$$77.35 - 45.75$$



**Subtracting Decimals - Thousandths - No Borrowing****Questions**

Use the standard algorithm to solve the subtraction problems below

1)						
	7	5	.	5	5	3
-	5	4	.	3	2	1
			.			

2)						
	4	7	.	6	7	8
-	1	3	.	1	4	4
			.			

3)						
	6	8	.	7	9	5
-	2	6	.	4	7	2
			.			

4)							
	5	2	5	.	3	6	8
-		1	2	.	2	2	5
				.			

5)							
	7	4	2	.	6	9	6
-	2	2	1	.	2	5	4
				.			

6)							
	8	4	9	.	7	7	5
-	3	2	5	.	5	6	2
				.			

7)							
	6	6	4	.	0	4	7
-	4	2	0	.	0	2	3
				.			

8)							
	5	2	6	.	3	8	7
-		2	0	.	2	2	5
				.			

9)							
	6	6	3	.	5	5	9
-		3	1	.	1	3	0
				.			

**Subtracting Decimals - Thousandths - No Borrowing****Questions**

Use the standard algorithm to solve the subtraction problems below

1)  
$$\begin{array}{r} 65.755 \\ - 32.523 \\ \hline \end{array}$$

2)  
$$\begin{array}{r} 45.362 \\ - 42.212 \\ \hline \end{array}$$

3)  
$$\begin{array}{r} 74.968 \\ - 53.733 \\ \hline \end{array}$$

4)  
$$\begin{array}{r} 45.479 \\ - 24.331 \\ \hline \end{array}$$

5)  
$$\begin{array}{r} 78.793 \\ - 41.240 \\ \hline \end{array}$$

6)  
$$\begin{array}{r} 93.667 \\ - 52.335 \\ \hline \end{array}$$

7)  
$$\begin{array}{r} 76.856 \\ - 24.322 \\ \hline \end{array}$$

8)  
$$\begin{array}{r} 91.578 \\ - 81.224 \\ \hline \end{array}$$

9)  
$$\begin{array}{r} 762.663 \\ - 622.350 \\ \hline \end{array}$$

10)  
$$\begin{array}{r} 634.983 \\ - 322.632 \\ \hline \end{array}$$

11)  
$$\begin{array}{r} 457.68 \\ - 334.24 \\ \hline \end{array}$$

12)  
$$\begin{array}{r} 854.389 \\ - 734.356 \\ \hline \end{array}$$

13)  
$$\begin{array}{r} 337.359 \\ - 214.336 \\ \hline \end{array}$$

14)  
$$\begin{array}{r} 548.86 \\ - 436.03 \\ \hline \end{array}$$

15)  
$$\begin{array}{r} 557.89 \\ - 442.71 \\ \hline \end{array}$$

16)  
$$\begin{array}{r} 674.64 \\ - 454.32 \\ \hline \end{array}$$

17)  
$$\begin{array}{r} 593.49 \\ - 452.47 \\ \hline \end{array}$$

18)  
$$\begin{array}{r} 845.75 \\ - 523.54 \\ \hline \end{array}$$

19)  
$$\begin{array}{r} 357.69 \\ - 132.30 \\ \hline \end{array}$$

20)  
$$\begin{array}{r} 546.34 \\ - 226.20 \\ \hline \end{array}$$

# Subtracting Decimals - Borrowing

## Questions

Use the standard algorithm to solve the subtraction problems below

1)						
	7	4	.	5	7	3
-	5	5	.	4	1	5
			.			

2)						
	7	3	.	9	8	1
-	4	5	.	3	6	3
			.			

3)						
	8	3	.	8	1	6
-	3	7	.	5	5	3
			.			

4)							
	6	7	8	.	3	7	7
-	2	1	4	.	6	5	9
				.			

5)							
	4	8	6	.	5	6	7
-	1	3	2	.	7	4	3
				.			

6)							
	8	7	3	.	6	8	3
-		3	6	.	5	5	5
				.			

7)							
	6	5	4	.	4	9	4
-	3	2	1	.	0	8	7
				.			

8)							
	6	2	5	.	4	6	5
-		6	3	.	6	7	3
				.			

9)							
	8	2	8	.	6	3	5
-		5	9	.	4	5	3
				.			

# Subtracting Decimals - Borrowing

## Questions

Use the standard algorithm to solve the subtraction problems below

$$\begin{array}{r} 1) \\ 63.743 \\ - 25.561 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \\ 75.475 \\ - 53.743 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \\ 34.463 \\ - 22.632 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \\ 82.542 \\ - 43.535 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \\ 86.273 \\ - 37.331 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \\ 76.546 \\ - 58.362 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \\ 38.254 \\ - 27.631 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \\ 76.548 \\ - 59.284 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \\ 652.644 \\ - 345.373 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \\ 557.236 \\ - 353.534 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \\ 665.361 \\ - 223.531 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \\ 572.589 \\ - 265.323 \\ \hline \end{array}$$

## Part 2

Answer the word problems below

1) Wyatt weighed a Blue Jay feather, and it was 2.035 grams. He also weighed a feather from an owl, and it weighed 4.39 grams. How much more did the owl's feather weigh?



2) A 5-dollar bill weighs 1.0243 grams. A Toonie weighs 6.929 grams. How much more does a Toonie weigh?

