

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

Grade: \_\_\_\_\_

Score: \_\_\_\_\_

## Worksheet #2



## Sharing Amounts by Ratios

**Learning goal:** Students will be able to Understand and apply the method of dividing amounts using ratios step by step.

**Instructions:** Step by step solving to Share an Amount in a Given Ratio.

Total Amount	A:B	Total parts	Total amount /total parts	A's Share	B's Share	Check: A+B=Total
90	1:4					
24	3:1					
30	1:4					
78	1:5					
25	4:1					
77	5:2					
42	4:3					
98	3:4					
48	5:1					
119	2:5					

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## Worksheet #2 (Answers)



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Total Amount	A:B	Total parts	Total amount /total parts	A's Share	B's Share	Check: A+B=Total
90	1:4	5	$90/5=18$	$1 \times 18=18$	$4 \times 18=72$	$18+72=90$
24	3:1	4	$24/4=6$	$3 \times 6=18$	$1 \times 6=6$	$18+6=24$
30	1:4	5	$30/5=6$	$1 \times 6=6$	$4 \times 6=24$	$6+24=30$
78	1:5	6	$78/6=13$	$1 \times 13=13$	$5 \times 13=65$	$13+65=78$
25	4:1	5	$25/5=5$	$4 \times 5=20$	$1 \times 5=5$	$20+5=25$
77	5:2	7	$77/7=11$	$5 \times 11=55$	$2 \times 11=22$	$55+22=77$
42	4:3	7	$42/7=6$	$4 \times 6=24$	$3 \times 6=18$	$24+18=42$
98	3:4	7	$98/7=14$	$3 \times 14=42$	$4 \times 14=56$	$42+56=98$
48	5:1	6	$48/6=8$	$5 \times 8=40$	$1 \times 8=8$	$40+8=48$
119	2:5	7	$119/7=17$	$2 \times 17=34$	$5 \times 17=85$	$34+85=119$