

Name: _____

Grade: _____

Score: _____

Worksheet #1



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
50	1:4					
60	4:1					
80	2:2					
63	3:4					
98	3:4					
40	1:3					
18	1:5					
120	2:4					
65	4:1					
90	3:4					

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Worksheet #1(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
50	1:4	5	$50/5=10$	$1 \times 10=10$	$4 \times 10=40$	$10+40=50$
60	4:1	5	$60/5=12$	$4 \times 12=48$	$1 \times 12=12$	$48+12=60$
80	2:2	4	$80/4=20$	$2 \times 20=40$	$2 \times 20=40$	$40+40=80$
63	3:4	7	$63/7=9$	$3 \times 9=27$	$4 \times 9=36$	$27+36=63$
98	3:4	7	$98/7=14$	$3 \times 14=42$	$4 \times 14=56$	$42+56=98$
40	1:3	4	$40/4=10$	$1 \times 10=10$	$3 \times 10=30$	$10+30=40$
18	1:5	6	$18/6=3$	$1 \times 3=3$	$5 \times 3=15$	$3+15=18$
120	2:4	6	$120/6=20$	$2 \times 20=40$	$4 \times 20=80$	$40+80=120$
65	4:1	5	$65/5=13$	$4 \times 13=52$	$1 \times 13=13$	$52+13=65$
90	3:4	7	$90/7=12$	$3 \times 12=38$	$4 \times 12=51$	$38+51=90$