

ADDITION & SUBTRACTION

SUM GRIDS

In a Sum Grid puzzle, the goal is to fill the empty squares in a grid so that the sum in each row and column is the number given outside the grid.

EXAMPLE | Complete the Sum Grid puzzle.

	90	60
70	40	
80		

We fill the empty squares as shown.

Across: $70 = 40 + \boxed{30}$, and $80 = \boxed{50} + \boxed{30}$.

Down: $90 = 40 + \boxed{50}$, and $60 = \boxed{30} + \boxed{30}$.

	90	60
70	40	30
80	50	30

PRACTICE | Complete each Sum Grid puzzle below.

185.

	60	80
50		20
90	30	

186.

	40	60
50	10	
50		20

187.

	60	50
40		20
70		

188.

	90	30
70	50	
50		

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SUM GRIDS

PRACTICE | Complete each Sum Grid puzzle below.

189. 60 40

30	20	
70		

190. 90 30

60		
60	40	

191. 60 70

50	20	
80		

192. 50 80

90		
40		30

193. 50 90

60		
80		60

194. 70 90

90		
70	30	

195. 70 _

40	20	
_		40

196. _ 50

60		20
70		

ADDITION & SUBTRACTION

MORE ADDITION

If you can add $60+20$, you can add $60+24$. It's just 4 more.

Adding

To add $60+24$, we can start by adding $60+20$. Then, we add 4 more.

$60+20$ is 80,
and $60+24$ is
just 4 more.
That's 84!



$$60 + 24 = \boxed{84}$$

$$60 + 20 + 4$$

$$80 + 4$$

$$84$$

PRACTICE | Add.

197. $30 + 18 = \square$

198. $50 + 21 = \square$

199. $60 + 22 = \square$

200. $30 + 32 = \square$

201. $40 + 39 = \square$

202. $70 + 13 = \square$

203. $50 + 25 = \square$

204. $20 + 64 = \square$

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MORE ADDITION

PRACTICE

Fill each Sum Grid puzzle below so that the sum in each row and column is the number given outside the grid.

205. 68 44

58	38	
54		24

206. 52 46

66		26
32	12	

207. 63 75

53	23	
85		

208. 54 81

91		
44		30

209. 56 89

59		
86		60

210. 68 92

82		
78	38	

211. 71 _
★

41	21	
_		46

212. _ 57
★

77		27
60		