

Jason



rich

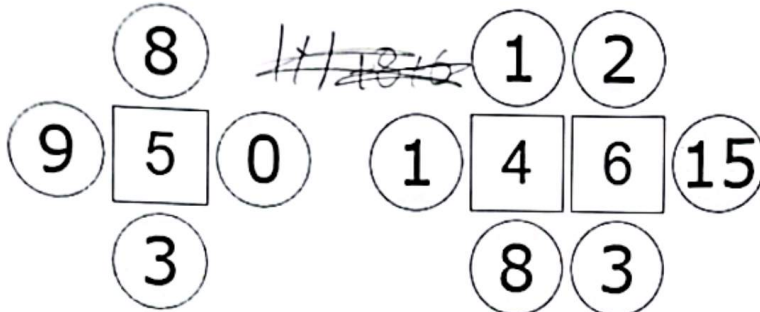
Champ

Hunting for Averages

~~$20 + 7 + 2 = 29 + 6 = 35$~~

$9 + 3 + 8$

In these challenges, the number in each square is the average (mean) of the four numbers surrounding it.



~~$12 + 1$~~

$12 = 3$

$3 + 1 = 4$

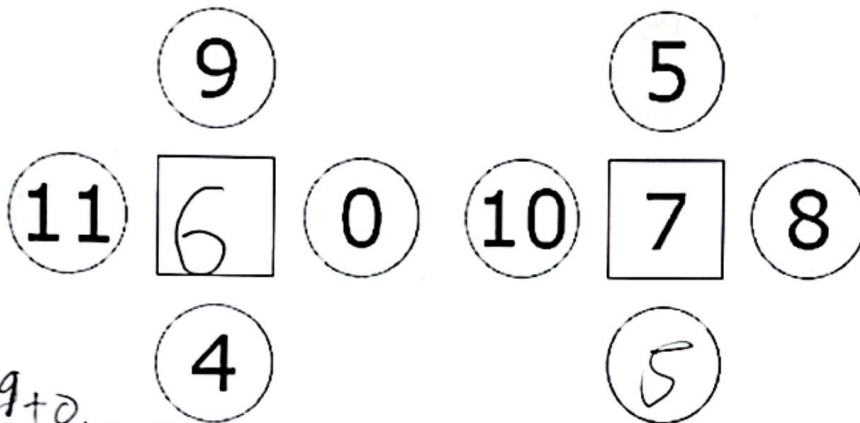
~~$4 + 1$~~

$19 + 3$

22

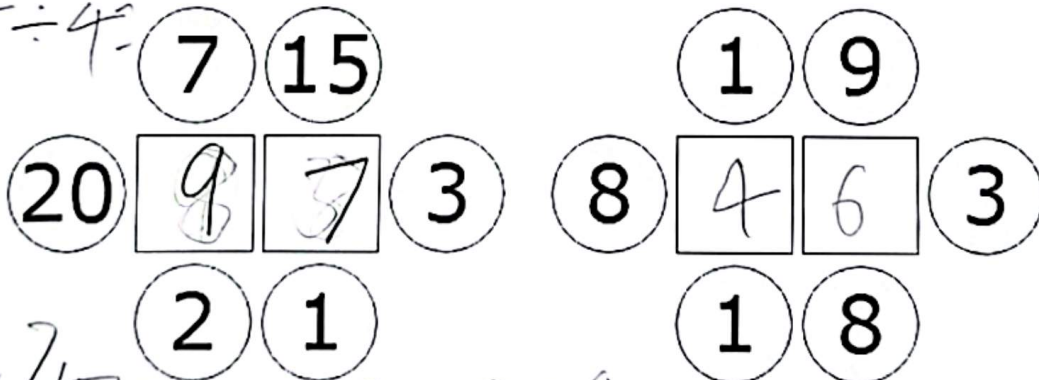
Can you explain why the numbers 5, 4 and 6 belong in the squares in these two examples?

Your challenge is to find the missing number in each of the grids below.



$7 \times 4 = 28$
 $28 - 5 = 8$
 $8 - 10 = -2$

$11 + 9 + 0 + 4 = 24$
 $24 \div 4 = 6$



$20 + 7 + 2 = 29 + 3 = 32 \div 4 = 8$

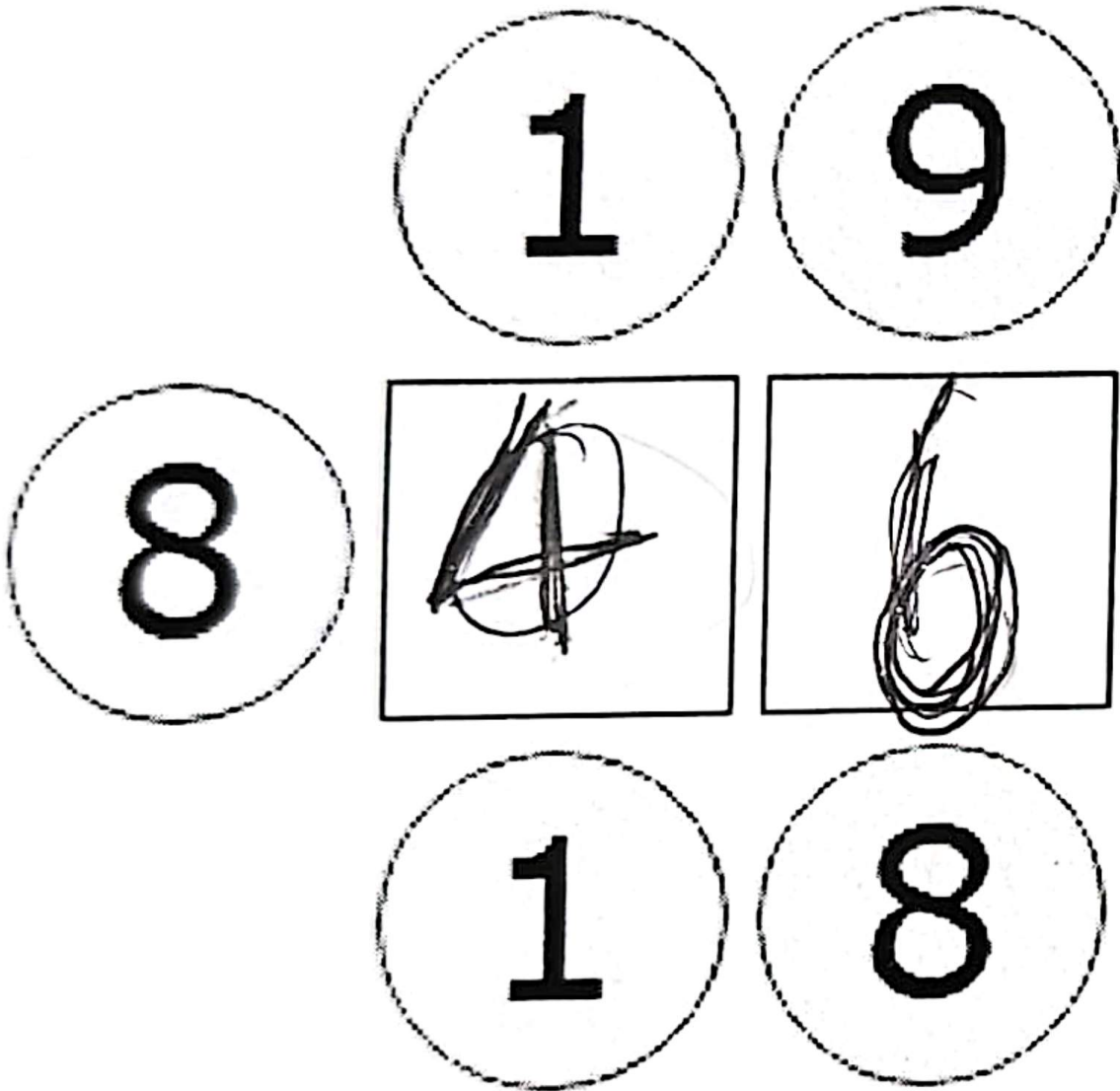
Can you create a similar problem for someone else to solve (with whole number solutions)?

$15 + 3 = 18$

$18 + 1 = 19$

$19 + 9 = 28$

$28 \div 4 = 7$



✓

$$9 + 3 + 8 = 20$$

$$20 + 4 = 24$$



$$24 + 4 = 6$$

