

Mathe-Schloss

10

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+

2+ 8=

2+ 7=

3+ 7=

4+ 7=

5+ 5=

4+ 5=

10- 2=

11- 2=

13- 2=

20-10=

20- 9=

19- 9=

9

+

+

+

+

+

+

+

+

+

+

+

8

20

6

10

11

11

5

1

13

6+6=

7+7=

9+9=

4+4=

8+8=

Lösung: Mathe-Schloss

The castle consists of three towers and a base. The towers are yellow with red roofs. The base is a light blue horizontal bar with yellow circles containing numbers. Below the base are five white boxes with arithmetic problems.

Tower 1 (Left): Roof: 10. Problems: $0+10$, $1+9$, $2+8$, $3+7$, $4+6$, $5+5$, $6+4$, $7+3$, $8+2$, $9+1$, $10+0$.

Tower 2 (Middle): Roof: (empty). Problems: $2+8=10$, $2+7=9$, $3+7=10$, $4+7=11$, $5+5=10$, $4+5=9$, $10-2=8$, $11-2=9$, $13-2=11$, $20-10=10$, $20-9=11$, $19-9=10$.

Tower 3 (Right): Roof: 9. Problems: $0+9$, $1+8$, $2+7$, $3+6$, $4+5$, $5+4$, $6+3$, $7+2$, $8+1$, $9+0$.

Base (Light Blue Bar): Numbers in yellow circles: 9, 10, 13, 15, 17.

Base (Orange Blocks): Numbers in white boxes: 8, 12, 20, 21, 22 (top row); 6, 2, 10, 10, 11, 11 (second row); 5, 1, 1, 9, 1, 10, 1 (third row).

Bottom Row (White Boxes): Arithmetic problems: $6+6=12$, $7+7=14$, $9+9=18$, $4+4=8$, $8+8=16$.