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3      -- MySQL Math Functions (with examples):
4      --  Ceil , floor, power, round
5
6  -- CEIL()
7  -- Round up to the next whole number
8 •  SELECT sale_amount ,
9      CEIL(Sale_Amount/3 ) AS CEIL_VALUE
10 FROM sales_data;      -- Example: CEIL(250 / 3) → 84
```

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

	sale_amount	CEIL_VALUE
▶	250	84
	180	60
	200	67
	150	50
	300	100



```
21
22  -- FLOOR()
23  -- Round down to the previous whole number
24 • SELECT sale_amount,
25        FLOOR(sale_amount/3) as FLOOR_VALUE
26 FROM sales_data; -- Example: FLOOR(250 / 3) → 83
27
28
```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	sale_amount	FLOOR_VALUE			
▶	250	83			
	180	60			
	200	66			
	150	50			
	300	100			

```
35
36  -- POWER(base, exponent)
37  -- Raise to a power
38 • SELECT Sale_Amount ,
39      POWER(Sale_Amount,2) AS SQUARED_Sale_Amount
40 FROM sales_data;           -- Example: POWER(250, 2) → 62500
41
42
```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	Sale_Amount	SQUARED_Sale_Amount			
▶	250	62500			
	180	32400			
	200	40000			
	150	22500			
	300	90000			

```
43
44  -- ROUND(number, decimals)
45  -- Round to N decimal places
46 • SELECT Sale_Amount,
47    ROUND(Sale_Amount/3,2) AS ROUNDED_VALUE
48 FROM sales_data;           -- Example: ROUND(250 / 3, 2) → 83.33
49
50
51
52
```

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

	Sale_Amount	ROUNDED_VALUE
▶	250	83.33
	180	60.00
	200	66.67
	150	50.00
	300	100.00
	250	83.33
	180	60.00