1)

```
SELECT
	*
FROM
	information_schema.columns
WHERE
	table_name='naep'
```

2)

```
SELECT
	*
FROM
	naep
LIMIT 50;
```

3)

```
SELECT
	state,
	SUM(avg_math_4_score) AS total,
	AVG(avg_math_4_score) AS average,
	MIN(avg_math_4_score) AS minimum,
	MAX(avg_math_4_score) AS maximum
FROM
	naep
GROUP BY
	state
ORDER BY
	state
ASC;
```

4)

```
SELECT
	state,
	SUM(avg_math_4_score) AS total,
	AVG(avg_math_4_score) AS average,
	MIN(avg_math_4_score) AS minimum,
	MAX(avg_math_4_score) AS maximum
FROM
	naep
```

```
GROUP BY
	state
HAVING
	MAX(avg_math_4_score) - MIN(avg_math_4_score) > 30
ORDER BY
	state
ASC;
```

5)

```
SELECT
	state AS bottom_10_states
FROM
	naep
WHERE
	year = 2000
ORDER BY avg_math_4_score ASC
LIMIT 10
```

6)

```
SELECT
	ROUND(AVG(avg_math_4_score),2)
FROM
	naep
WHERE
	year = 2000
```

7)

```
SELECT
	state AS below_average_states_y2000
FROM
	naep
WHERE
	avg_math_4_score < (SELECT AVG(avg_math_4_score) FROM naep WHERE
year=2000)
```

8)

```
SELECT
        state AS scores_missing_y2000
FROM
        naep
WHERE
        year=2000
AND
        avg_math_4_score IS NULL
```

9)

```
SELECT
        naep.state,ROUND(avg_math_4_score,2) AS avg_math_4_score,total_expenditure
FROM
        naep
LEFT JOIN
        finance
ON
        naep.id = finance.id
WHERE
        naep.year=2000 AND avg_math_4_score IS NOT NULL
ORDER BY total_expenditure DESC
```