

MATRIX OPERATION (SUBTRACTION)

Let A =

2	-3
0	5
7	-1/2

Let B =

1	0
-3	1
2	2

Let D =

6	0	-6
5	1	9

Answer:

A-B=

(2-1)	(-3-0)
(0-(-3))	(5-1)
7-2	-1/2-2

Final Answer:

1	-3
3	4
5	-2.5

A - D cannot be computed because matrix A is  $3 \times 2$  while matrix D is  $2 \times 3$ , and their dimensions do not match.

Similarly, B - D cannot be computed because matrix B is  $3 \times 2$  and matrix D is  $2 \times 3$ , so subtraction is not defined for them.