**29.1-1**

n = 3

m = 3

A = 1 1 -1

-1 -1 1

1 -2 2

b = 7

-7

4

c = 2

-3

3

# 29.1-2

---

# 29.1-3

N = 1 2 3

B = 4 5 6

A = 1 1 -1

-1 -1 1

1 -2 -2

b = 7

-7

4

c = 2

-3

3

v = 0

# 

# 29.1-4

M = − 2x1 − 2x2 − 7x3 + x4

S = − x1 + x2 − x4 ≤ −7

1x1 − x2 + x4 ≤ 7

− 3x1 + 3x2 − x3 ≤ −24

x1 x2 x3 x4 ≥ 0

# 29.1-5

x4 = 7 − x1 − x2 + x3

x5 = −8 + 3x1 − x2

x6 = −x1 + 2x2 + 2x3

x1 x2 x3 x4 x5 x6 ≥ 0

# 29.1-6

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