

Semester: _____

Datum: _____

Name: _____

Blatt: _____

Prisma

1. a) $V = 35,568 \text{ cm}^3$; $O = 92,04 \text{ cm}^2$ b) $V = 23,06 \text{ cm}^3$; $O = 72,19 \text{ cm}^2$ c) $V = 79,8 \text{ cm}^3$; $O = 131,96 \text{ cm}^2$

2. $h_D = 5,20 \text{ m}$; $V = 124,8 \text{ m}^3$; $O = 175,2 \text{ m}^2$

3. a) $M = 75,35 \text{ cm}^2$; $O = 94,05 \text{ cm}^2$ c) $G = 88,5 \text{ cm}^2$; $h = 30,12 \text{ cm}$ 4. $36\,270 \text{ m}^3$

b) $u = 19,82 \text{ m}$; $O = 354,435 \text{ m}^2$ d) $M = 1\,200,6 \text{ dm}^2$; $G = 117,135 \text{ dm}^2$

5. $2\,580,75 \text{ kg}$ 6. a) $268,8 \text{ l}$ b) $2,08 \text{ m}^2$ 7. $356,6 \text{ m}^3$