

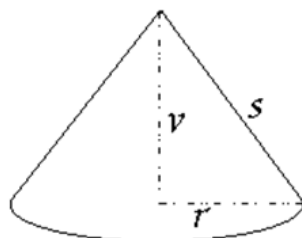
OBJEM A POVRCH KUŽELÁ



Vypočítaj neznámu hodnotu pomocou ostatných zadaných hodnôt.

PRÍKLAD 1

$$\begin{aligned} r &= 20 \text{ mm} \\ v &= 28 \text{ mm} \\ s &= 34 \text{ mm} \\ V &= 11729 \text{ mm}^3 \\ S &= \underline{\hspace{2cm}} \text{ mm}^2 \end{aligned}$$

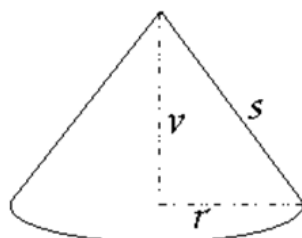


PRÍKLAD 5

$$\begin{aligned} r &= 25 \text{ mm} \\ v &= 14 \text{ mm} \\ s &= 29 \text{ mm} \\ V &= \underline{\hspace{2cm}} \text{ mm}^3 \\ S &= 4241 \text{ mm}^2 \end{aligned}$$

PRÍKLAD 2

$$\begin{aligned} r &= 26 \text{ mm} \\ v &= 13 \text{ mm} \\ s &= \underline{\hspace{2cm}} \text{ mm} \\ V &= 9203 \text{ mm}^3 \\ S &= 4492 \text{ mm}^2 \end{aligned}$$

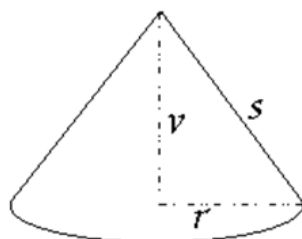


PRÍKLAD 6

$$\begin{aligned} r &= 22 \text{ mm} \\ v &= 17 \text{ mm} \\ s &= 28 \text{ mm} \\ V &= 8616 \text{ mm}^3 \\ S &= \underline{\hspace{2cm}} \text{ mm}^2 \end{aligned}$$

PRÍKLAD 3

$$\begin{aligned} r &= 23 \text{ mm} \\ v &= 34 \text{ mm} \\ s &= 41 \text{ mm} \\ V &= 18835 \text{ mm}^3 \\ S &= \underline{\hspace{2cm}} \text{ mm}^2 \end{aligned}$$

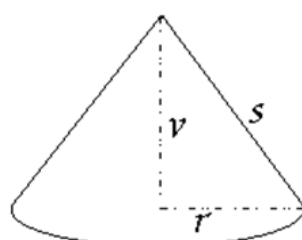


PRÍKLAD 7

$$\begin{aligned} r &= 22 \text{ mm} \\ v &= 26 \text{ mm} \\ s &= 34 \text{ mm} \\ V &= \underline{\hspace{2cm}} \text{ mm}^3 \\ S &= 3870 \text{ mm}^2 \end{aligned}$$

PRÍKLAD 4

$$\begin{aligned} r &= \underline{\hspace{2cm}} \text{ mm} \\ v &= 14 \text{ mm} \\ s &= 36 \text{ mm} \\ V &= 15966 \text{ mm}^3 \\ S &= 7153 \text{ mm}^2 \end{aligned}$$



PRÍKLAD 8

$$\begin{aligned} r &= 21 \text{ mm} \\ v &= \underline{\hspace{2cm}} \text{ mm} \\ s &= 43 \text{ mm} \\ V &= 17087 \text{ mm}^3 \\ S &= 4222 \text{ mm}^2 \end{aligned}$$