

10 වැඩි සංඛ්‍යා ගුණ කිරීම හා බෙදීම සඳහා ලඝු ගණක වගු භාවිතය

- (i) $52.8 \div 4.65$ හි අගය ලඝු ගණක වගු භාවිතයෙන් සොයන්න.

$$\begin{aligned} x &= 52.8 \div 4.65 \\ &= \lg 52.8 - \lg 4.65 \\ &= 1.7226 - 0.6674 \\ &= 1.0552 \\ x &= \text{antilog } 1.0552 \\ &= 1.137 \times 10^1 \\ &= 11.37 \end{aligned}$$

- (ii) $23.21 \div 253.1$ හි අගය ලඝු ගණක වගු භාවිතයෙන් සොයන්න.

$$\begin{aligned} x &= 23.21 \div 253.1 \\ &= \lg 23.21 - \lg 253.1 \\ &= 1.3657 - 0.4033 \\ &= 0.9624 \\ x &= \text{antilog } 0.9624 \\ &= 9.171 \times 10^0 \\ &= 9.171 \end{aligned}$$

පහත සුළු කිරීම් ලඝු ගණක වගු භාවිතයෙන් සොයන්න.

- (1) $90.3 \div 7.05$

$$\begin{aligned} x &= \dots \div \dots \\ &= \lg \dots - \lg \dots \\ &= \dots - \dots \\ &= \dots \\ x &= \text{antilog } \dots \\ &= \dots \\ &= \dots \end{aligned}$$

- (2) $3.89 \div 1.45$

$$\begin{aligned} x &= \dots \div \dots \\ &= \lg \dots - \lg \dots \\ &= \dots - \dots \\ &= \dots \\ x &= \text{antilog } \dots \\ &= \dots \\ &= \dots \end{aligned}$$

- (3) $95.2 \div 4.454$

$$\begin{aligned} x &= \dots \div \dots \\ &= \lg \dots - \lg \dots \\ &= \dots - \dots \\ &= \dots \\ x &= \text{antilog } \dots \\ &= \dots \\ &= \dots \end{aligned}$$

- (4) $9.809 \div 6.81$

$$\begin{aligned} x &= \dots \div \dots \\ &= \lg \dots - \lg \dots \\ &= \dots - \dots \\ &= \dots \\ x &= \text{antilog } \dots \\ &= \dots \\ &= \dots \end{aligned}$$

- (5) $108.2 \div 54.3$

$$\begin{aligned} x &= \dots \div \dots \\ &= \lg \dots - \lg \dots \\ &= \dots - \dots \\ &= \dots \\ x &= \text{antilog } \dots \\ &= \dots \\ &= \dots \end{aligned}$$

- (6) $900.1 \div 27.23$

$$\begin{aligned} x &= \dots \div \dots \\ &= \lg \dots - \lg \dots \\ &= \dots - \dots \\ &= \dots \\ x &= \text{antilog } \dots \\ &= \dots \\ &= \dots \end{aligned}$$

- (7) $735.4 \div 446.8$

$$\begin{aligned} x &= \dots \div \dots \\ &= \lg \dots - \lg \dots \\ &= \dots - \dots \\ &= \dots \\ x &= \text{antilog } \dots \\ &= \dots \\ &= \dots \end{aligned}$$

- (8) $100.2 \div 1.15$

$$\begin{aligned} x &= \dots \div \dots \\ &= \lg \dots - \lg \dots \\ &= \dots - \dots \\ &= \dots \\ x &= \text{antilog } \dots \\ &= \dots \\ &= \dots \end{aligned}$$

- (9) $201 \div 9.43$

$$\begin{aligned} x &= \dots \div \dots \\ &= \lg \dots - \lg \dots \\ &= \dots + \dots \\ &= \dots \\ x &= \text{antilog } \dots \\ &= \dots \\ &= \dots \end{aligned}$$