

تقسیم

Subject

Year

Month

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Page ()

حل تمرین

۲۵۳۱۵

$$\begin{array}{r}
 9901 \div 2 = 4950 \text{ r } 1 \\
 4950 \div 2 = 2475 \text{ r } 0 \\
 2475 \div 2 = 1237 \text{ r } 1 \\
 1237 \div 2 = 618 \text{ r } 1 \\
 618 \div 2 = 309 \text{ r } 0 \\
 309 \div 2 = 154 \text{ r } 1 \\
 154 \div 2 = 77 \text{ r } 0 \\
 77 \div 2 = 38 \text{ r } 1 \\
 38 \div 2 = 19 \text{ r } 0 \\
 19 \div 2 = 9 \text{ r } 1 \\
 9 \div 2 = 4 \text{ r } 1 \\
 4 \div 2 = 2 \text{ r } 0 \\
 2 \div 2 = 1 \text{ r } 0
 \end{array}$$

$$1001100110001$$

$$1192 + 1024 + 212 + 128 + 32 + 16 + 1 = 9901$$

$$\begin{array}{r}
 5109 \div 2 = 2554 \text{ r } 1 \\
 2554 \div 2 = 1277 \text{ r } 0 \\
 1277 \div 2 = 638 \text{ r } 1 \\
 638 \div 2 = 319 \text{ r } 0 \\
 319 \div 2 = 159 \text{ r } 1 \\
 159 \div 2 = 79 \text{ r } 1 \\
 79 \div 2 = 39 \text{ r } 1 \\
 39 \div 2 = 19 \text{ r } 1 \\
 19 \div 2 = 9 \text{ r } 1 \\
 9 \div 2 = 4 \text{ r } 1 \\
 4 \div 2 = 2 \text{ r } 0 \\
 2 \div 2 = 1 \text{ r } 0
 \end{array}$$

$$1001011111011$$

$$5094 + 212 + 128 + 64 + 32 + 16 + 8 + 4 + 2 + 1$$

$$\begin{array}{r}
 2 \div 2 = 1 \text{ r } 0 \\
 1 \div 2 = 0 \text{ r } 1
 \end{array}$$

$$11503 \div 2$$

$$11503 \div 2 = 5751 \text{ R } 1$$

$$\textcircled{1} \quad 5751 \div 2 = 2875 \text{ R } 1$$

$$\textcircled{1} \quad 2875 \div 2 = 1437 \text{ R } 1$$

$$\textcircled{0} \quad 1437 \div 2 = 718 \text{ R } 1$$

$$\textcircled{0} \quad 718 \div 2 = 359 \text{ R } 0$$

$$\textcircled{1} \quad 359 \div 2 = 179 \text{ R } 1$$

$$\textcircled{0} \quad 179 \div 2 = 89 \text{ R } 1$$

$$\textcircled{1} \quad 89 \div 2 = 44 \text{ R } 1$$

$$\textcircled{0} \quad 44 \div 2 = 22 \text{ R } 0$$

$$\textcircled{0} \quad 22 \div 2 = 11 \text{ R } 0$$

$$\textcircled{0} \quad 11 \div 2 = 5 \text{ R } 1$$

$$\textcircled{0} \quad 5 \div 2 = 2 \text{ R } 1$$

$$\textcircled{0} \quad 2 \div 2 = 1 \text{ R } 0$$

$$10000011010011$$

$$11^3 \quad 2^4 \quad 2^3 \quad 2^2 \quad 2^1 \quad 2^0$$

$$1192 + 128 + 96 + 16 + 2 + 1 = 11503$$

$$9904 \Rightarrow (9 \times 10^3) + (9 \times 10^2) + (0 \times 10^1) + (4 \times 10^0) \quad \text{مئاتی 10}$$

$$\Rightarrow 9904$$

$$1149 \Rightarrow (1 \times 10^3) + (1 \times 10^2) + (4 \times 10^1) + (9 \times 10^0)$$

$$\Rightarrow 1149$$

$$11503 \Rightarrow (1 \times 10^4) + (1 \times 10^3) + (5 \times 10^2) + (0 \times 10^1) + (3 \times 10^0)$$

$$\Rightarrow 11503$$