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NIM : 201420026

Kelas : IE1A

1. $0,65625 = 0,10101$

$$0,65625 \times 2 = 1,3125 = 1$$

$$0,3125 \times 2 = 0,625 = 0$$

$$0,625 \times 2 = 1,25 = 1$$

$$0,25 \times 2 = 0,5 = 0$$

$$0,5 \times 2 = 1,0 = 1$$

2. $0,140625 = 0,001001$

$$0,140625 \times 2 = 0,28125 = 0$$

$$0,28125 \times 2 = 0,5625 = 0$$

$$0,5625 \times 2 = 1,125 = 1$$

$$0,125 \times 2 = 0,25 = 0$$

$$0,25 \times 2 = 0,5 = 0$$

$$0,5 \times 2 = 1,0 = 1$$

3. $11,625 = 1011,101$

$$11 / 2 = 5 \text{ sisa } 1$$

$$5 / 2 = 2 \text{ sisa } 1$$

$$2 / 2 = 1 \text{ sisa } 0$$

$$1 / 2 = 0 \text{ sisa } 1$$

$$0,625 \times 2 = 1,25 = 1$$

$$0,25 \times 2 = 0,5 = 0$$

$$0,5 \times 2 = 1,0 = 1$$

4. $25,75 = 11001,11$

$$25 / 2 = 12 \text{ sisa } 1$$

$$12 / 2 = 6 \text{ sisa } 0$$

$$6 / 2 = 3 \text{ sisa } 0$$

$$3 / 2 = 1 \text{ sisa } 1$$

$$1 / 2 = 0 \text{ sisa } 1$$

$$0,75 \times 2 = 1,5 = 1$$

$$0,5 \times 2 = 1,0 = 1$$

5. $348,654 = 15C, A76$

$$348 / 16 = 21 \text{ sisa } 12$$

$$21 / 16 = 1 \text{ sisa } 5$$

$$1 / 16 = 0 \text{ sisa } 1$$

$$0,654 \times 16 = 10,465 = A$$

$$0,464 \times 16 = 7,424 = 7$$

$$0,425 \times 16 = 6,784 = 6$$

6. $1784,240 = 6F8, 3D7$

$$1784 / 16 = 111 \text{ sisa } 8$$

$$111 / 16 = 6 \text{ sisa } 15$$

$$6 / 16 = 0 \text{ sisa } 6$$

$$0,240 \times 16 = 3,840 = 3$$

$$0,840 \times 16 = 13,440 = D$$

$$0,440 \times 16 = 7,040 = 7$$