$$11.25$$

$$^{11}/_{2} = 5 \cdot 2 + 1.0, 25 \cdot 2 = 0, 5$$

$$^{5}/_{2} = 2 \cdot 2 + 1.0, 50 \cdot 2 = 1, 0$$

$$^{2}/_{2} = 1 \cdot 2 + 0.$$

$$^{1}/_{2} = 0 \cdot 2 + 1.$$

$$[1011.01]$$