

(e) 6527_{10} to octal

1 to binary

$$6527 \div 2$$

1

$$3263 \div 2$$

1

$$1631 \div 2$$

1

$$815 \div 2$$

1

$$407 \div 2$$

1

$$203 \div 2$$

1

$$101 \div 2$$

1

$$50 \div 2$$

0

$$25 \div 2$$

1

$$12 \div 2$$

0

$$6 \div 2$$

0

$$3 \div 2$$

0

$$1 \div 2$$

0

$$1 \div 2$$

1

2 to octal

110010111111

00010100010101110111

↓ ↓ ↓ ↓ ↓

1 4 5 7 7

$6527_{10} \Rightarrow 14577_8$

