

Solve.

dividend divisor remainder

a) $25 \div 3 = 8 \text{ R } 1$

 quotient

24 1

$24 \div 3 = 8$

25 is not a multiple of 3.
There will be a remainder.

check: $3 \times 8 = 24$
 $24 + 1 = 25$

The remainder should be less than the divisor.

b) $30 \div 4 = 7 \text{ R } 2$

28 2

$28 \div 4 = 7$

30 is not a multiple of 4.
There will be a remainder.

check: $4 \times 7 = 28$
 $28 + 2 = 30$

The remainder should be less than the divisor.

c) $24 \div 5 = 4 \text{ R } 4$

20 4

$20 \div 5 = 4$

24 is not a multiple of 5.

There will be a remainder.

check: $5 \times 4 = 20$

$20 + 4 = 24$

The remainder should be less than the divisor.

d) $37 \div 6 = 6 \text{ R } 1$

36 1

$36 \div 6 = 6$

37 is not a multiple of 6.

There will be a remainder.

check: $6 \times 6 = 36$

$36 + 1 = 37$

The remainder should be less than the divisor.

e) $40 \div 6 = 6 \text{ R } 4$

36 4

$36 \div 6 = 6$

40 is not a multiple of 6.

There will be a remainder.

check: $6 \times 6 = 36$

$36 + 4 = 40$

The remainder should be less than the divisor.

f) $57 \div 9 = 6 \text{ R } 3$

$54 \quad 3$

$54 \div 9 = 6$

57 is not a multiple of 9.
There will be a remainder.

check: $9 \times 6 = 54$

$54 + 3 = 57$

The remainder should be less than the divisor.