

Solve.

dividend divisor remainder  
a)  $25 \div 3 = 8 \text{ R } 1$   
24 1  
quotient

$$24 \div 3 = 8$$

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.

$$\text{check: } 5 \times 4 = 20$$
$$20 + 4 = 24$$

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.

$$\text{check: } 6 \times 6 = 36$$
$$36 + 1 = 37$$

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.

$$\text{check: } 6 \times 6 = 36$$
$$36 + 4 = 40$$

The remainder should be less than the divisor.

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

54 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.