

Guided Practice 8-7

5.



$6 \overline{) 74}$ R =

The diagram shows the long division of 74 by 6. The dividend 74 is written inside a box, and the divisor 6 is written to the left. A horizontal line is drawn under the dividend. The quotient is written to the right of the dividend, and the remainder is written to the right of the quotient. The quotient is 12, and the remainder is 2. The remainder is written as 'R = 2'.

6.  R = 

7.

$8 \overline{) 91}$ R =

Below the division bar, the following steps are shown:

- 8 times 1 (blue box) equals 8, subtracted from 9, leaving 1.
- Bring down the next digit (1) to form 11.
- 8 times 1 (blue box) equals 8, subtracted from 11, leaving 3.
- Bring down the next digit (0) to form 30.
- 8 times 3 (green box) equals 24, subtracted from 30, leaving 6.
- Bring down the next digit (0) to form 60.
- 8 times 7 (yellow box) equals 56, subtracted from 60, leaving 4.