



Math in My World

Example 1

A public park has 257 evergreen trees to plant equally in 9 areas. How many trees are planted in each area? What does the remainder represent?

Divide $257 \div 9$.



1 Place the first digit.

$$25 \div 9 \approx 2$$

Put 2 in the tens place of the quotient.

$$\begin{array}{r} & \boxed{} & \boxed{} & R & \boxed{} \\ 9) & 2 & 5 & 7 & \\ - & \boxed{} & \boxed{} & & \downarrow \\ & \boxed{} & 7 & & \\ - & \boxed{} & \boxed{} & & \boxed{} \end{array}$$

3 Divide the ones.

$$77 \div 9 \approx 8$$

$$9 \times 8 = 72$$

$$77 - 72 = 5$$

$$5 < 9$$

4 Write the remainder.

The remainder is 5.