Division with remainders

Find each quotient.

$$9\overline{)564} = 62 \text{ r } 6 \qquad 7\overline{)463} = 66 \text{ r } 1$$

Find each quotient.

$7\overline{)403}$ $8\overline{)655}$ $9\overline{)205}$

$9\overline{)574}$ $6\overline{)431}$ $7\overline{)121}$

$9\overline{)217}$ $9\overline{)404}$ $6\overline{)777}$

Write the answer in the box.

What is 759 divided by 7?

Divide 941 by 9.

What is 463 divided by 8?

Divide 232 by 6.

Division with remainders

Find each quotient.

$$\begin{array}{r} 62\text{ r }6 \\ 9\overline{)564} \\ 54 \\ \hline 24 \\ 18 \\ \hline 6 \end{array} \qquad \begin{array}{r} 66\text{ r }1 \\ 7\overline{)463} \\ 42 \\ \hline 43 \\ 42 \\ \hline 1 \end{array}$$

Find each quotient.

$$\begin{array}{r} 57\text{ r }4 \\ 7\overline{)403} \\ 35 \\ \hline 53 \\ 49 \\ \hline 4 \end{array} \qquad \begin{array}{r} 81\text{ r }7 \\ 8\overline{)655} \\ 64 \\ \hline 15 \\ 8 \\ \hline 7 \end{array} \qquad \begin{array}{r} 22\text{ r }7 \\ 9\overline{)205} \\ 18 \\ \hline 25 \\ 18 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 63\text{ r }7 \\ 9\overline{)574} \\ 54 \\ \hline 34 \\ 27 \\ \hline 7 \end{array} \qquad \begin{array}{r} 71\text{ r }5 \\ 6\overline{)431} \\ 42 \\ \hline 11 \\ 6 \\ \hline 5 \end{array} \qquad \begin{array}{r} 17\text{ r }2 \\ 7\overline{)121} \\ 7 \\ \hline 51 \\ 49 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 24\text{ r }1 \\ 9\overline{)217} \\ 18 \\ \hline 37 \\ 36 \\ \hline 1 \end{array} \qquad \begin{array}{r} 44\text{ r }8 \\ 9\overline{)404} \\ 36 \\ \hline 44 \\ 36 \\ \hline 8 \end{array} \qquad \begin{array}{r} 129\text{ r }3 \\ 6\overline{)777} \\ 6 \\ \hline 17 \\ 12 \\ \hline 57 \\ 54 \\ \hline 3 \end{array}$$

Write the answer in the box.

What is 759 divided by 7?	108 r 3	Divide 941 by 9.	104 r 5
What is 463 divided by 8?	57 r 7	Divide 232 by 6.	38 r 4

This page involves long division where divisors are numbers greater than 5. Children will need to know their 6, 7, 8, and 9 times tables. Children may have difficulty finding quotients with remainders. Have them perform long division until the remaining value to be divided is less than the divisor. That value is the remainder.