

Partial Quotients Division

Example

Find an easy multiple of the divisor and subtract from the dividend. Repeat until the number is less than the divisor or you reach zero.

divisor

7 $\overline{) 3,456}$

dividend

$-2,800$

$\underline{\quad}$

656

-630

$\underline{\quad}$

26

-21

$\underline{\quad}$

5

493r5

multipliers

7×400

7×90

7×3

Solve using partial quotients.

a.

$$9 \overline{) 8,765}$$

b.

$$3 \overline{) 6,248}$$



Preview

Please log in to download
the printable version of this worksheet.

Partial Quotients Division

Work will vary.

Solve using partial quotients.

a.

$$\begin{array}{r}
 973\text{r}8 \\
 9 \overline{) 8,765} \\
 \underline{-8,100} \quad 9 \times 900 \\
 665
 \end{array}$$

b.

$$\begin{array}{r}
 2,082\text{r}2 \\
 3 \overline{) 6,248} \\
 \underline{-6,000} \quad 3 \times 2,000 \\
 248
 \end{array}$$

Preview

Please log in to download the printable version of this worksheet.

