Name: _____

Partial Quotients Division

Example

28 r 9

divisor → 12 | 345
dividend
- 240   12 × **20**
105
- 96   12 × **8**
9

remainder

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.

multipliers

20 + 8 = 28

Add up the multipliers of the divisor to find the answer.

Solve using partial quotients.

a.

13 | 579

Preview

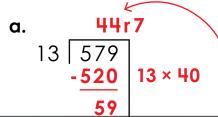Please log in to download the printable version of this worksheet.

e.

17 | 941

f.

29 | 556

g.

31 | 658

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Partial Quotients Division

Work will vary.

Solve using partial quotients.

a.

$$
\begin{array}{r}
44\text{r}7 \\
13\ \overline{)\ 579} \\
-520 \quad 13 \times 40 \\
\hline
59
\end{array}
$$

$50 + 5 = \boxed{55}$ $10 + 9 = \boxed{19}$ $20 + 1 = \boxed{21}$

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