

Focus Algorithm: Partial Quotients

$$12 \overline{) 158}$$

$$\underline{-120}$$

$$38$$

$$\underline{-36}$$

$$2$$

How many [12s]
are in 158? At
least 10

$$10$$

Use 10 as the
first partial
quotient.
 $10 \times 12 = 120$

Subtract.

$$+ 3$$

At least 3 [12s]
are left. Use 3
as the second
partial quotient.
 $3 \times 12 = 36$

Subtract.

$$13$$

Add the partial
quotients.
 $10 + 3 = 13$

Answer: 13 R2