

Partial Quotients Division

Examples

divisor → 9

dividend → 468

9	4	6	8
-	4	5	0
		1	8
-		1	8
			0

$9 \times 50 = 450$

$9 \times 2 = 18$

$50 + 2 = 52$

Add up the multipliers.

divisor → 4

dividend → 117

4	1	1	7	
-	4	0	0	
		6	8	
-		4	0	
			2	8
-			2	8
				0

$4 \times 100 = 400$

$4 \times 10 = 40$

$4 \times 7 = 28$

$100 + 10 + 7 = 117$

Find an easy multiple of the divisor and subtract from the dividend. Repeat until you reach zero.

Solve using partial quotients.

a.

b.

c.



d.

2	7	8	2
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e.

4	7	2	4
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f.

6	8	5	2
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Work will vary.

Solve using partial quotients.

a. 56

b. 224

c. 189

Preview

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the printable version of this worksheet.



$$300 + 90 + 1 = 391$$

$$100 + 80 + 1 = 181$$

$$100 + 40 + 2 = 142$$