

Division with Partial Quotients - Set 1

DPQ 1

Instructions: Divide using the Partial Quotients Method. Your work may look different from the answer key, but the answer should be the same.

1 $12 \overline{)342}$

-240	20	$\begin{array}{r} 12 \\ \times 2 \\ \hline 24 \end{array}$	$\begin{array}{r} 12 \\ \times 5 \\ \hline 60 \end{array}$
102	5		
-60	2		
42	1		
-24			
18			
-12			
6			

(28 r6)

2 $17 \overline{)299}$

-170	10	$\begin{array}{r} 17 \\ \times 2 \\ \hline 34 \end{array}$	$\begin{array}{r} 17 \\ \times 10 \\ \hline 170 \end{array}$
129	2		
-34	2		
95	2		
-34	2		
61	1		
-34			
27			
-17			
10			

(17 r10)

3 $29 \overline{)959}$

-580	20	$\begin{array}{r} 29 \\ \times 2 \\ \hline 58 \end{array}$	$\begin{array}{r} 29 \\ \times 10 \\ \hline 290 \end{array}$
379	10		
-290	2		
89	1		
-58			
31			
-29			
2			

(33 r2)

4 $42 \overline{)971}$

-840	20	$\begin{array}{r} 42 \\ \times 2 \\ \hline 84 \end{array}$
131	2	
-84	1	
47		
-42		
5		

(23 r5)

Division with Partial Quotients - Set 2

DPQ 2

Instructions: Divide using the Partial Quotients Method. Your work may look different from the answer key, but the answer should be the same.

$$\begin{array}{r}
 14 \overline{)633} \\
 \underline{-280} \\
 353 \\
 \underline{-280} \\
 73 \\
 \underline{-70} \\
 3
 \end{array}$$

20
20
5

$\begin{array}{r} 14 \\ \times 2 \\ \hline 28 \end{array}$ $\begin{array}{r} 14 \\ \times 5 \\ \hline 70 \end{array}$

45 r3

$$\begin{array}{r}
 62 \overline{)815} \\
 \underline{-620} \\
 195 \\
 \underline{-124} \\
 71 \\
 \underline{-62} \\
 9
 \end{array}$$

10
2
1

$\begin{array}{r} 62 \\ \times 2 \\ \hline 124 \end{array}$ $\begin{array}{r} 62 \\ \times 10 \\ \hline 620 \end{array}$

13 r9

$$\begin{array}{r}
 71 \overline{)1780} \\
 \underline{-1420} \\
 360 \\
 \underline{-142} \\
 218 \\
 \underline{-142} \\
 76 \\
 \underline{-71} \\
 5
 \end{array}$$

20
2
2
1

$\begin{array}{r} 71 \\ \times 2 \\ \hline 142 \end{array}$

25 r5

$$\begin{array}{r}
 65 \overline{)4905} \\
 \underline{-3250} \\
 1655 \\
 \underline{-1300} \\
 355 \\
 \underline{-325} \\
 30
 \end{array}$$

50
20
5

$\begin{array}{r} 65 \\ \times 2 \\ \hline 130 \end{array}$ $\begin{array}{r} 65 \\ \times 5 \\ \hline 325 \end{array}$

75 r30

Division with Partial Quotients - Set 3

DPQ 3

Instructions: Divide using the Partial Quotients Method. Your work may look different from the answer key, but the answer should be the same.

1 $38 \overline{)3295}$

-1900	50	$\begin{array}{r} 38 \\ \times 2 \\ \hline 76 \end{array}$
1395	20	$\begin{array}{r} 38 \\ \times 5 \\ \hline 190 \end{array}$
-760	10	$\begin{array}{r} 38 \\ \times 10 \\ \hline 380 \end{array}$
635	5	
-380	1	
255		
-190		
65		
-38		
27		

86 r27

2 $22 \overline{)5106}$

-4400	200	$\begin{array}{r} 22 \\ \times 2 \\ \hline 44 \end{array}$
706	20	$\begin{array}{r} 22 \\ \times 10 \\ \hline 220 \end{array}$
-440	10	
266	2	
-220		
46		
-44		
2		

232 r2

3 $93 \overline{)12050}$

-9300	100	$\begin{array}{r} 93 \\ \times 2 \\ \hline 186 \end{array}$
2750	20	$\begin{array}{r} 93 \\ \times 5 \\ \hline 465 \end{array}$
-1860	5	$\begin{array}{r} 93 \\ \times 10 \\ \hline 930 \end{array}$
890		
-465		
425		
-186		
239		
-186		
53		

129 r53

4 $256 \overline{)9282}$

-5120	20	$\begin{array}{r} 256 \\ \times 2 \\ \hline 512 \end{array}$
4162	10	$\begin{array}{r} 256 \\ \times 4 \\ \hline 1024 \end{array}$
-2560	4	
1602	2	
-1024		
578		
-512		
66		

36 r66