Long Division With Zeros in the Quotient - ANSWER KEY

Grade 4 | Dividing three- and four-digit numbers by one-digit numbers when the quotient has a zero | Version 1 of 10

Divide. Every time you bring down a digit, write a digit in the quotient, even if it is 0. Write any remainder with an R (example: 304 R5).

1. **370**
   $5 \overline{)1{,}850}$

2. **540**
   $5 \overline{)2{,}700}$

3. **202 R2**
   $4 \overline{)810}$

4. **905**
   $8 \overline{)7{,}240}$

5. **350 R1**
   $4 \overline{)1{,}401}$

6. **607**
   $9 \overline{)5{,}463}$

7. **720**
   $9 \overline{)6{,}480}$

8. **107 R1**
   $4 \overline{)429}$

9. **507 R1**
   $7 \overline{)3{,}550}$

10. **401**
    $7 \overline{)2{,}807}$

11. **905**
    $3 \overline{)2{,}715}$

12. **709**
    $4 \overline{)2{,}836}$

Long Division With Zeros in the Quotient - ANSWER KEY

Grade 4 | Dividing three- and four-digit numbers by one-digit numbers when the quotient has a zero | Version 2 of 10

Divide. Every time you bring down a digit, write a digit in the quotient, even if it is 0. Write any remainder with an R (example: 304 R5).

1. **509 R1**
$4\overline{)2{,}037}$

2. **209**
$7\overline{)1{,}463}$

3. **109 R3**
$9\overline{)984}$

4. **506**
$5\overline{)2{,}530}$

5. **120**
$2\overline{)240}$

6. **990 R1**
$6\overline{)5{,}941}$

7. **710**
$5\overline{)3{,}550}$

8. **905**
$4\overline{)3{,}620}$

9. **706**
$9\overline{)6{,}354}$

10. **806 R7**
$8\overline{)6{,}455}$

11. **990**
$3\overline{)2{,}970}$

12. **709 R1**
$4\overline{)2{,}837}$

Long Division With Zeros in the Quotient - ANSWER KEY

Grade 4 | Dividing three- and four-digit numbers by one-digit numbers when the quotient has a zero | Version 3 of 10

Divide. Every time you bring down a digit, write a digit in the quotient, even if it is 0. Write any remainder with an R (example: 304 R5).

1. **307 R5**
$7\overline{)2{,}154}$

2. **704 R2**
$3\overline{)2{,}114}$

3. **904 R3**
$6\overline{)5{,}427}$

4. **905 R6**
$9\overline{)8{,}151}$

5. **410**
$7\overline{)2{,}870}$

6. **701**
$7\overline{)4{,}907}$

7. **860**
$3\overline{)2{,}580}$

8. **230 R2**
$4\overline{)922}$

9. **940 R4**
$9\overline{)8{,}464}$

10. **807**
$2\overline{)1{,}614}$

11. **606 R1**
$7\overline{)4{,}243}$

12. **509 R2**
$3\overline{)1{,}529}$

Long Division With Zeros in the Quotient - ANSWER KEY

Grade 4 | Dividing three- and four-digit numbers by one-digit numbers when the quotient has a zero | Version 4 of 10

Divide. Every time you bring down a digit, write a digit in the quotient, even if it is 0. Write any remainder with an R (example: 304 R5).

1. **505 R1**
$2\overline{)1{,}011}$

2. **703 R2**
$4\overline{)2{,}814}$

3. **505**
$3\overline{)1{,}515}$

4. **106 R4**
$6\overline{)640}$

5. **509 R7**
$9\overline{)4{,}588}$

6. **306 R6**
$8\overline{)2{,}454}$

7. **640 R3**
$4\overline{)2{,}563}$

8. **720 R1**
$2\overline{)1{,}441}$

9. **106**
$9\overline{)954}$

10. **850 R1**
$9\overline{)7{,}651}$

11. **660**
$3\overline{)1{,}980}$

12. **709 R6**
$8\overline{)5{,}678}$

Long Division With Zeros in the Quotient - ANSWER KEY

Grade 4 | Dividing three- and four-digit numbers by one-digit numbers when the quotient has a zero | Version 5 of 10

Divide. Every time you bring down a digit, write a digit in the quotient, even if it is 0. Write any remainder with an R (example: 304 R5).

1. **805**
   $6\overline{)4{,}830}$

2. **150 R3**
   $7\overline{)1{,}053}$

3. **309 R3**
   $4\overline{)1{,}239}$

4. **704 R4**
   $8\overline{)5{,}636}$

5. **607 R1**
   $3\overline{)1{,}822}$

6. **907 R3**
   $9\overline{)8{,}166}$

7. **630 R2**
   $9\overline{)5{,}672}$

8. **170**
   $7\overline{)1{,}190}$

9. **101**
   $4\overline{)404}$

10. **910**
    $5\overline{)4{,}550}$

11. **701 R1**
    $6\overline{)4{,}207}$

12. **208**
    $4\overline{)832}$

Long Division With Zeros in the Quotient - ANSWER KEY

Grade 4 | Dividing three- and four-digit numbers by one-digit numbers when the quotient has a zero | Version 6 of 10

Divide. Every time you bring down a digit, write a digit in the quotient, even if it is 0. Write any remainder with an R (example: 304 R5).

1. $2\overline{)1{,}808}$ = **904**

2. $9\overline{)3{,}963}$ = **440 R3**

3. $6\overline{)1{,}244}$ = **207 R2**

4. $9\overline{)1{,}881}$ = **209**

5. $2\overline{)808}$ = **404**

6. $2\overline{)1{,}207}$ = **603 R1**

7. $4\overline{)1{,}624}$ = **406**

8. $8\overline{)3{,}607}$ = **450 R7**

9. $8\overline{)4{,}813}$ = **601 R5**

10. $2\overline{)1{,}540}$ = **770**

11. $2\overline{)410}$ = **205**

12. $8\overline{)4{,}160}$ = **520**

Long Division With Zeros in the Quotient - ANSWER KEY

Grade 4 | Dividing three- and four-digit numbers by one-digit numbers when the quotient has a zero | Version 7 of 10

Divide. Every time you bring down a digit, write a digit in the quotient, even if it is 0. Write any remainder with an R (example: 304 R5).

1. **203 R5**
   $8\overline{)1{,}629}$

2. **902 R5**
   $7\overline{)6{,}319}$

3. **360**
   $8\overline{)2{,}880}$

4. **807 R2**
   $6\overline{)4{,}844}$

5. **180 R1**
   $2\overline{)361}$

6. **408 R1**
   $5\overline{)2{,}041}$

7. **408**
   $5\overline{)2{,}040}$

8. **690 R7**
   $8\overline{)5{,}527}$

9. **630**
   $6\overline{)3{,}780}$

10. **105 R1**
    $8\overline{)841}$

11. **507 R2**
    $8\overline{)4{,}058}$

12. **901**
    $4\overline{)3{,}604}$

Long Division With Zeros in the Quotient - ANSWER KEY

Grade 4 | Dividing three- and four-digit numbers by one-digit numbers when the quotient has a zero | Version 8 of 10

Divide. Every time you bring down a digit, write a digit in the quotient, even if it is 0. Write any remainder with an R (example: 304 R5).

1. **770 R1**
   $3\overline{)2{,}311}$

2. **606 R1**
   $3\overline{)1{,}819}$

3. **107**
   $3\overline{)321}$

4. **650 R1**
   $9\overline{)5{,}851}$

5. **109 R5**
   $7\overline{)768}$

6. **508 R4**
   $6\overline{)3{,}052}$

7. **840 R1**
   $2\overline{)1{,}681}$

8. **607 R4**
   $5\overline{)3{,}039}$

9. **220 R3**
   $5\overline{)1{,}103}$

10. **208 R2**
    $9\overline{)1{,}874}$

11. **403 R4**
    $6\overline{)2{,}422}$

12. **609**
    $8\overline{)4{,}872}$

Long Division With Zeros in the Quotient - ANSWER KEY

Grade 4 | Dividing three- and four-digit numbers by one-digit numbers when the quotient has a zero | Version 9 of 10

Divide. Every time you bring down a digit, write a digit in the quotient, even if it is 0. Write any remainder with an R (example: 304 R5).

1. **860 R3**
$5\overline{)4{,}303}$

2. **903**
$6\overline{)5{,}418}$

3. **720 R1**
$5\overline{)3{,}601}$

4. **904 R2**
$5\overline{)4{,}522}$

5. **308**
$9\overline{)2{,}772}$

6. **901 R1**
$4\overline{)3{,}605}$

7. **940 R3**
$9\overline{)8{,}463}$

8. **906**
$2\overline{)1{,}812}$

9. **404**
$8\overline{)3{,}232}$

10. **801 R1**
$7\overline{)5{,}608}$

11. **320**
$2\overline{)640}$

12. **503 R5**
$7\overline{)3{,}526}$

Long Division With Zeros in the Quotient - ANSWER KEY

Grade 4 | Dividing three- and four-digit numbers by one-digit numbers when the quotient has a zero | Version 10 of 10

Divide. Every time you bring down a digit, write a digit in the quotient, even if it is 0. Write any remainder with an R (example: 304 R5).

1. **710**
   $4\overline{)2{,}840}$

2. **804**
   $7\overline{)5{,}628}$

3. **910**
   $4\overline{)3{,}640}$

4. **907 R5**
   $7\overline{)6{,}354}$

5. **705 R6**
   $9\overline{)6{,}351}$

6. **209 R5**
   $7\overline{)1{,}468}$

7. **508**
   $9\overline{)4{,}572}$

8. **180 R1**
   $5\overline{)901}$

9. **909**
   $3\overline{)2{,}727}$

10. **150 R2**
    $7\overline{)1{,}052}$

11. **705**
    $7\overline{)4{,}935}$

12. **105 R6**
    $9\overline{)951}$