Long Division Error Detective

Grade 4 Math Worksheet - Building Confidence

Name _____ Date _____

Circle the step with the mistake.

1. Maya divided 581 ÷ 5 and made one mistake. Which step has the mistake?
   Step 1: 5 ÷ 5 = 1, 1 × 5 = 5, 5 − 5 = 0
   Step 2: bring down 8, 8 ÷ 5 = 1, 1 × 5 = 5, 8 − 5 = 3
   Step 3: bring down 1, 31 ÷ 5 = 6, 6 × 5 = 27, 31 − 27 = 4

2. Lena divided 587 ÷ 5 and made one mistake. Which step has the mistake?
   Step 1: 5 ÷ 5 = 1, 1 × 5 = 5, 5 − 5 = 0
   Step 2: bring down 8, 8 ÷ 5 = 1, 1 × 5 = 5, 8 − 5 = 3
   Step 3: bring down 7, 37 ÷ 5 = 7, 7 × 5 = 35, 37 − 35 = 4

3. Omar divided 138 ÷ 5 and made one mistake. Which step has the mistake?
   Step 1: 13 ÷ 5 = 2, 2 × 5 = 10, 13 − 10 = 3
   Step 2: bring down 8, 38 ÷ 5 = 7, 7 × 5 = 34, 38 − 34 = 4

4. Lena divided 369 ÷ 4 and made one mistake. Which step has the mistake?
   Step 1: 36 ÷ 4 = 9, 9 × 4 = 36, 36 − 36 = 3
   Step 2: bring down 9, 39 ÷ 4 = 9, 9 × 4 = 36, 39 − 36 = 3

5. Sam divided 746 ÷ 3 and made one mistake. Which step has the mistake?
   Step 1: 7 ÷ 3 = 2, 2 × 3 = 7, 7 − 7 = 0
   Step 2: bring down 4, 4 ÷ 3 = 1, 1 × 3 = 3, 4 − 3 = 1
   Step 3: bring down 6, 16 ÷ 3 = 5, 5 × 3 = 15, 16 − 15 = 1

6. Ivy divided 619 ÷ 4 and made one mistake. Which step has the mistake?
   Step 1: 6 ÷ 4 = 1, 1 × 4 = 4, 6 − 4 = 2
   Step 2: bring down 1, 21 ÷ 4 = 5, 5 × 4 = 20, 21 − 20 = 2
   Step 3: bring down 9, 29 ÷ 4 = 7, 7 × 4 = 28, 29 − 28 = 1

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Answer Key - Grade 4 Math Worksheet - Building Confidence

Circle the step with the mistake.

1. Maya divided 581 ÷ 5 and made one mistake. Which step has the mistake?

   Step 1: 5 ÷ 5 = 1, 1 × 5 = 5, 5 − 5 = 0

   Step 2: bring down 8, 8 ÷ 5 = 1, 1 × 5 = 5, 8 − 5 = 3

   Step 3: bring down 1, 31 ÷ 5 = 6, 6 × 5 = 27, 31 − 27 = 4

2. Lena divided 587 ÷ 5 and made one mistake. Which step has the mistake?

   Step 1: 5 ÷ 5 = 1, 1 × 5 = 5, 5 − 5 = 0

   Step 2: bring down 8, 8 ÷ 5 = 1, 1 × 5 = 5, 8 − 5 = 3

   Step 3: bring down 7, 37 ÷ 5 = 7, 7 × 5 = 35, 37 − 35 = 4

3. Omar divided 138 ÷ 5 and made one mistake. Which step has the mistake?

   Step 1: 13 ÷ 5 = 2, 2 × 5 = 10, 13 − 10 = 3

   Step 2: bring down 8, 38 ÷ 5 = 7, 7 × 5 = 34, 38 − 34 = 4

4. Lena divided 369 ÷ 4 and made one mistake. Which step has the mistake?

   Step 1: 36 ÷ 4 = 9, 9 × 4 = 36, 36 − 36 = 3

   Step 2: bring down 9, 39 ÷ 4 = 9, 9 × 4 = 36, 39 − 36 = 3

5. Sam divided 746 ÷ 3 and made one mistake. Which step has the mistake?

   Step 1: 7 ÷ 3 = 2, 2 × 3 = 7, 7 − 7 = 0

   Step 2: bring down 4, 4 ÷ 3 = 1, 1 × 3 = 3, 4 − 3 = 1

   Step 3: bring down 6, 16 ÷ 3 = 5, 5 × 3 = 15, 16 − 15 = 1

6. Ivy divided 619 ÷ 4 and made one mistake. Which step has the mistake?

   Step 1: 6 ÷ 4 = 1, 1 × 4 = 4, 6 − 4 = 2

   Step 2: bring down 1, 21 ÷ 4 = 5, 5 × 4 = 20, 21 − 20 = 2

   Step 3: bring down 9, 29 ÷ 4 = 7, 7 × 4 = 28, 29 − 28 = 1