Long Division Error Detective

Grade 4 Math Worksheet - Building Confidence

Name _____ Date _____

Circle the step with the mistake.

1. Jules divided 217 ÷ 5 and made one mistake. Which step has the mistake?
   Step 1: 21 ÷ 5 = 4, 4 × 5 = 21, 21 − 21 = 0
   Step 2: bring down 7, 7 ÷ 5 = 1, 1 × 5 = 5, 7 − 5 = 2

2. Ivy divided 702 ÷ 2 and made one mistake. Which step has the mistake?
   Step 1: 7 ÷ 2 = 3, 3 × 2 = 6, 7 − 6 = 0
   Step 2: bring down 0, 0 ÷ 2 = 0, 0 × 2 = 0, 0 − 0 = 0
   Step 3: bring down 2, 2 ÷ 2 = 1, 1 × 2 = 2, 2 − 2 = 0

3. Ben divided 683 ÷ 3 and made one mistake. Which step has the mistake?
   Step 1: 6 ÷ 3 = 2, 2 × 3 = 6, 6 − 6 = 0
   Step 2: bring down 8, 8 ÷ 3 = 2, 2 × 3 = 6, 8 − 6 = 2
   Step 3: bring down 3, 23 ÷ 3 = 7, 7 × 3 = 23, 23 − 23 = 0

4. Omar divided 322 ÷ 5 and made one mistake. Which step has the mistake?
   Step 1: 32 ÷ 5 = 6, 6 × 5 = 30, 32 − 30 = 2
   Step 2: bring down 2, 22 ÷ 5 = 4, 4 × 5 = 20, 22 − 20 = 3

5. Leo divided 759 ÷ 5 and made one mistake. Which step has the mistake?
   Step 1: 7 ÷ 5 = 1, 1 × 5 = 5, 7 − 5 = 2
   Step 2: bring down 5, 25 ÷ 5 = 5, 5 × 5 = 25, 25 − 25 = 0
   Step 3: bring down 9, 9 ÷ 5 = 1, 1 × 5 = 6, 9 − 6 = 3

6. Nora divided 403 ÷ 5 and made one mistake. Which step has the mistake?
   Step 1: 40 ÷ 5 = 8, 8 × 5 = 40, 40 − 40 = 0
   Step 2: bring down 3, 3 ÷ 5 = 0, 0 × 5 = 0, 3 − 0 = 4

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Long Division Error Detective

Answer Key - Grade 4 Math Worksheet - Building Confidence

Circle the step with the mistake.

1. Jules divided 217 ÷ 5 and made one mistake. Which step has the mistake?

   Step 1: 21 ÷ 5 = 4, 4 × 5 = 21, 21 − 21 = 0

   Step 2: bring down 7, 7 ÷ 5 = 1, 1 × 5 = 5, 7 − 5 = 2

2. Ivy divided 702 ÷ 2 and made one mistake. Which step has the mistake?

   Step 1: 7 ÷ 2 = 3, 3 × 2 = 6, 7 − 6 = 0

   Step 2: bring down 0, 0 ÷ 2 = 0, 0 × 2 = 0, 0 − 0 = 0

   Step 3: bring down 2, 2 ÷ 2 = 1, 1 × 2 = 2, 2 − 2 = 0

3. Ben divided 683 ÷ 3 and made one mistake. Which step has the mistake?

   Step 1: 6 ÷ 3 = 2, 2 × 3 = 6, 6 − 6 = 0

   Step 2: bring down 8, 8 ÷ 3 = 2, 2 × 3 = 6, 8 − 6 = 2

   Step 3: bring down 3, 23 ÷ 3 = 7, 7 × 3 = 23, 23 − 23 = 0

4. Omar divided 322 ÷ 5 and made one mistake. Which step has the mistake?

   Step 1: 32 ÷ 5 = 6, 6 × 5 = 30, 32 − 30 = 2

   Step 2: bring down 2, 22 ÷ 5 = 4, 4 × 5 = 20, 22 − 20 = 3

5. Leo divided 759 ÷ 5 and made one mistake. Which step has the mistake?

   Step 1: 7 ÷ 5 = 1, 1 × 5 = 5, 7 − 5 = 2

   Step 2: bring down 5, 25 ÷ 5 = 5, 5 × 5 = 25, 25 − 25 = 0

   Step 3: bring down 9, 9 ÷ 5 = 1, 1 × 5 = 6, 9 − 6 = 3

6. Nora divided 403 ÷ 5 and made one mistake. Which step has the mistake?

   Step 1: 40 ÷ 5 = 8, 8 × 5 = 40, 40 − 40 = 0

   Step 2: bring down 3, 3 ÷ 5 = 0, 0 × 5 = 0, 3 − 0 = 4