Long Division Error Detective

Grade 4 Math Worksheet

Name _____ Date _____

Circle the step with the mistake.

1. Sam divided 801 ÷ 6 and made one mistake. Which step has the mistake?
   Step 1: 8 ÷ 6 = 1, 1 × 6 = 6, 8 − 6 = 2
   Step 2: bring down 0, 20 ÷ 6 = 3, 3 × 6 = 18, 20 − 18 = 2
   Step 3: bring down 1, 21 ÷ 6 = 3, 3 × 6 = 20, 21 − 20 = 1

2. Maya divided 5,325 ÷ 9 and made one mistake. Which step has the mistake?
   Step 1: 53 ÷ 9 = 5, 5 × 9 = 45, 53 − 45 = 8
   Step 2: bring down 2, 82 ÷ 9 = 9, 9 × 9 = 81, 82 − 81 = 1
   Step 3: bring down 5, 15 ÷ 9 = 1, 1 × 9 = 9, 15 − 9 = 5

3. Jules divided 695 ÷ 5 and made one mistake. Which step has the mistake?
   Step 1: 6 ÷ 5 = 1, 1 × 5 = 5, 6 − 5 = 1
   Step 2: bring down 3, 13 ÷ 5 = 2, 2 × 5 = 10, 13 − 10 = 3
   Step 3: bring down 5, 35 ÷ 5 = 7, 7 × 5 = 35, 35 − 35 = 0

4. Sam divided 2,080 ÷ 6 and made one mistake. Which step has the mistake?
   Step 1: 20 ÷ 6 = 3, 3 × 6 = 18, 20 − 18 = 2
   Step 2: bring down 8, 28 ÷ 6 = 4, 4 × 6 = 24, 28 − 24 = 4
   Step 3: bring down 0, 40 ÷ 6 = 6, 6 × 6 = 37, 40 − 37 = 3

5. Leo divided 567 ÷ 7 and made one mistake. Which step has the mistake?
   Step 1: 56 ÷ 7 = 8, 8 × 7 = 56, 56 − 56 = 3
   Step 2: bring down 7, 37 ÷ 7 = 5, 5 × 7 = 35, 37 − 35 = 2

6. Ben divided 1,602 ÷ 9 and made one mistake. Which step has the mistake?
   Step 1: 16 ÷ 9 = 1, 1 × 9 = 9, 16 − 9 = 7
   Step 2: bring down 4, 74 ÷ 9 = 8, 8 × 9 = 72, 74 − 72 = 2
   Step 3: bring down 2, 22 ÷ 9 = 2, 2 × 9 = 18, 22 − 18 = 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

Circle the step with the mistake.

1. Sam divided 801 ÷ 6 and made one mistake. Which step has the mistake?

   Step 1: 8 ÷ 6 = 1, 1 × 6 = 6, 8 − 6 = 2

   Step 2: bring down 0, 20 ÷ 6 = 3, 3 × 6 = 18, 20 − 18 = 2

   Step 3: bring down 1, 21 ÷ 6 = 3, 3 × 6 = 20, 21 − 20 = 1

2. Maya divided 5,325 ÷ 9 and made one mistake. Which step has the mistake?

   Step 1: 53 ÷ 9 = 5, 5 × 9 = 45, 53 − 45 = 8

   Step 2: bring down 2, 82 ÷ 9 = 9, 9 × 9 = 81, 82 − 81 = 1

   Step 3: bring down 5, 15 ÷ 9 = 1, 1 × 9 = 9, 15 − 9 = 5

3. Jules divided 695 ÷ 5 and made one mistake. Which step has the mistake?

   Step 1: 6 ÷ 5 = 1, 1 × 5 = 5, 6 − 5 = 1

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

   Step 3: bring down 5, 35 ÷ 5 = 7, 7 × 5 = 35, 35 − 35 = 0

4. Sam divided 2,080 ÷ 6 and made one mistake. Which step has the mistake?

   Step 1: 20 ÷ 6 = 3, 3 × 6 = 18, 20 − 18 = 2

   Step 2: bring down 8, 28 ÷ 6 = 4, 4 × 6 = 24, 28 − 24 = 4

   Step 3: bring down 0, 40 ÷ 6 = 6, 6 × 6 = 37, 40 − 37 = 3

5. Leo divided 567 ÷ 7 and made one mistake. Which step has the mistake?

   Step 1: 56 ÷ 7 = 8, 8 × 7 = 56, 56 − 56 = 3

   Step 2: bring down 7, 37 ÷ 7 = 5, 5 × 7 = 35, 37 − 35 = 2

6. Ben divided 1,602 ÷ 9 and made one mistake. Which step has the mistake?

   Step 1: 16 ÷ 9 = 1, 1 × 9 = 9, 16 − 9 = 7

   Step 2: bring down 4, 74 ÷ 9 = 8, 8 × 9 = 72, 74 − 72 = 2

   Step 3: bring down 2, 22 ÷ 9 = 2, 2 × 9 = 18, 22 − 18 = 4