Long Division Error Detective

Grade 4 Math Worksheet - Challenge Me

Name _____ Date _____

Circle the step with the mistake.

1. Omar divided 5,853 ÷ 6 and made one mistake. Which step has the mistake?
   Step 1: 58 ÷ 6 = 9, 9 × 6 = 54, 58 − 54 = 4
   Step 2: bring down 5, 45 ÷ 6 = 7, 7 × 6 = 40, 45 − 40 = 5
   Step 3: bring down 3, 53 ÷ 6 = 8, 8 × 6 = 48, 53 − 48 = 5

2. Sam divided 2,380 ÷ 5 and made one mistake. Which step has the mistake?
   Step 1: 23 ÷ 5 = 4, 4 × 5 = 20, 23 − 20 = 3
   Step 2: bring down 8, 38 ÷ 5 = 7, 7 × 5 = 35, 38 − 35 = 3
   Step 3: bring down 0, 30 ÷ 5 = 6, 6 × 5 = 30, 30 − 30 = 1

3. Nora divided 1,192 ÷ 6 and made one mistake. Which step has the mistake?
   Step 1: 11 ÷ 6 = 1, 1 × 6 = 6, 11 − 6 = 5
   Step 2: bring down 0, 50 ÷ 6 = 8, 8 × 6 = 48, 50 − 48 = 2
   Step 3: bring down 2, 22 ÷ 6 = 3, 3 × 6 = 18, 22 − 18 = 4

4. Omar divided 6,555 ÷ 7 and made one mistake. Which step has the mistake?
   Step 1: 65 ÷ 7 = 9, 9 × 7 = 63, 65 − 63 = 2
   Step 2: bring down 5, 25 ÷ 7 = 3, 3 × 7 = 21, 25 − 21 = 4
   Step 3: bring down 5, 45 ÷ 7 = 6, 6 × 7 = 39, 45 − 39 = 6

5. Priya divided 1,997 ÷ 7 and made one mistake. Which step has the mistake?
   Step 1: 19 ÷ 7 = 2, 2 × 7 = 14, 19 − 14 = 4
   Step 2: bring down 9, 49 ÷ 7 = 7, 7 × 7 = 49, 49 − 49 = 0
   Step 3: bring down 7, 7 ÷ 7 = 1, 1 × 7 = 7, 7 − 7 = 0

6. Ana divided 1,488 ÷ 7 and made one mistake. Which step has the mistake?
   Step 1: 14 ÷ 7 = 2, 2 × 7 = 14, 14 − 14 = 0
   Step 2: bring down 9, 9 ÷ 7 = 1, 1 × 7 = 7, 9 − 7 = 2
   Step 3: bring down 8, 28 ÷ 7 = 4, 4 × 7 = 28, 28 − 28 = 0

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Answer Key - Grade 4 Math Worksheet - Challenge Me

Circle the step with the mistake.

1. Omar divided 5,853 ÷ 6 and made one mistake. Which step has the mistake?

   Step 1: 58 ÷ 6 = 9, 9 × 6 = 54, 58 − 54 = 4

   Step 2: bring down 5, 45 ÷ 6 = 7, 7 × 6 = 40, 45 − 40 = 5

   Step 3: bring down 3, 53 ÷ 6 = 8, 8 × 6 = 48, 53 − 48 = 5

2. Sam divided 2,380 ÷ 5 and made one mistake. Which step has the mistake?

   Step 1: 23 ÷ 5 = 4, 4 × 5 = 20, 23 − 20 = 3

   Step 2: bring down 8, 38 ÷ 5 = 7, 7 × 5 = 35, 38 − 35 = 3

   Step 3: bring down 0, 30 ÷ 5 = 6, 6 × 5 = 30, 30 − 30 = 1

3. Nora divided 1,192 ÷ 6 and made one mistake. Which step has the mistake?

   Step 1: 11 ÷ 6 = 1, 1 × 6 = 6, 11 − 6 = 5

   Step 2: bring down 0, 50 ÷ 6 = 8, 8 × 6 = 48, 50 − 48 = 2

   Step 3: bring down 2, 22 ÷ 6 = 3, 3 × 6 = 18, 22 − 18 = 4

4. Omar divided 6,555 ÷ 7 and made one mistake. Which step has the mistake?

   Step 1: 65 ÷ 7 = 9, 9 × 7 = 63, 65 − 63 = 2

   Step 2: bring down 5, 25 ÷ 7 = 3, 3 × 7 = 21, 25 − 21 = 4

   Step 3: bring down 5, 45 ÷ 7 = 6, 6 × 7 = 39, 45 − 39 = 6

5. Priya divided 1,997 ÷ 7 and made one mistake. Which step has the mistake?

   Step 1: 19 ÷ 7 = 2, 2 × 7 = 14, 19 − 14 = 4

   Step 2: bring down 9, 49 ÷ 7 = 7, 7 × 7 = 49, 49 − 49 = 0

   Step 3: bring down 7, 7 ÷ 7 = 1, 1 × 7 = 7, 7 − 7 = 0

6. Ana divided 1,488 ÷ 7 and made one mistake. Which step has the mistake?

   Step 1: 14 ÷ 7 = 2, 2 × 7 = 14, 14 − 14 = 0

   Step 2: bring down 9, 9 ÷ 7 = 1, 1 × 7 = 7, 9 − 7 = 2

   Step 3: bring down 8, 28 ÷ 7 = 4, 4 × 7 = 28, 28 − 28 = 0