Multiply Fractions by Whole Numbers

Grade 4 Math Worksheet - Challenge Me

Name _____ Date _____

Circle the repeated addition that matches each product.

1. Which repeated addition matches 2 × 2/10?

   2/10 + 2/10 2/10 + 2/10 + 2/10 + 2/10 3/10 + 3/10 2/10 + 2/10 + 2/10

2. Which repeated addition matches 10 × 3/10?

   3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10
   3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10
   10/10 + 10/10 + 10/10
   3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10

3. Which repeated addition matches 6 × 2/5?

   6/5 + 6/5
   2/5 + 2/5 + 2/5 + 2/5 + 2/5 + 2/5
   2/5 + 2/5 + 2/5 + 2/5 + 2/5
   2/5 + 2/5 + 2/5 + 2/5 + 2/5 + 2/5 + 2/5

4. Which repeated addition matches 11 × 1/3?

   1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3
   1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3
   11/3 + 11/3
   1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3

5. Which repeated addition matches 4 × 3/8?

   3/8 + 3/8 + 3/8
   4/8 + 4/8 + 4/8
   3/8 + 3/8 + 3/8 + 3/8 + 3/8
   3/8 + 3/8 + 3/8 + 3/8

6. Which repeated addition matches 5 × 4/6?

   4/6 + 4/6 + 4/6 + 4/6
   5/6 + 5/6 + 5/6 + 5/6
   4/6 + 4/6 + 4/6 + 4/6 + 4/6
   4/6 + 4/6 + 4/6 + 4/6 + 4/6 + 4/6

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Answer Key - Grade 4 Math Worksheet - Challenge Me

Circle the repeated addition that matches each product.

1. Which repeated addition matches 2 × 2/10?

   2/10 + 2/10 (circled) 2/10 + 2/10 + 2/10 + 2/10 3/10 + 3/10 2/10 + 2/10 + 2/10

2. Which repeated addition matches 10 × 3/10?

   3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10

   3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 (circled)

   10/10 + 10/10 + 10/10

   3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10 + 3/10

3. Which repeated addition matches 6 × 2/5?

   6/5 + 6/5

   2/5 + 2/5 + 2/5 + 2/5 + 2/5 + 2/5 (circled)

   2/5 + 2/5 + 2/5 + 2/5 + 2/5

   2/5 + 2/5 + 2/5 + 2/5 + 2/5 + 2/5 + 2/5

4. Which repeated addition matches 11 × 1/3?

   1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3

   1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 (circled)

   11/3 + 11/3

   1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3 + 1/3

5. Which repeated addition matches 4 × 3/8?

   3/8 + 3/8 + 3/8

   4/8 + 4/8 + 4/8

   3/8 + 3/8 + 3/8 + 3/8 + 3/8

   3/8 + 3/8 + 3/8 + 3/8 (circled)

6. Which repeated addition matches 5 × 4/6?

   4/6 + 4/6 + 4/6 + 4/6

   5/6 + 5/6 + 5/6 + 5/6

   4/6 + 4/6 + 4/6 + 4/6 + 4/6 (circled)

   4/6 + 4/6 + 4/6 + 4/6 + 4/6 + 4/6