Equivalent Fractions on Number Lines

Grade 4 Math Worksheet - Challenge Me

Name _____ Date _____

Circle the answer, or write the answer on the line.

1. Which fraction with denominator 2 is equal to 5/10?
   5/2 1/2 2/2 3/2

2. Which two fractions name the same point on a number line?
   4/6 and 11/12 5/6 and 8/12 2/6 and 2/12 4/6 and 8/12

3. 1/3 = ?/6. What number goes in place of the question mark?

   _____

4. The line is split into 12 equal parts. The triangle marks 5/6. Which fraction names the same point?



   10/12 5/12 9/12 11/12

5. Ben says 3/4 = 7/8 because he added 4 to the top and the bottom. Which fraction really equals 3/4?
   4/8 3/8 6/8 7/8

6. Which fraction with denominator 5 is equal to 2/10?
   2/5 3/5 4/5 1/5

7. 1/4 = ?/8. What number goes in place of the question mark?

   _____

8. Which two fractions name the same point on a number line?
   5/10 and 2/5 2/10 and 2/5 4/10 and 2/5 4/10 and 3/5

9. The line is split into 12 equal parts. The triangle marks 1/6. Which fraction names the same point?



   7/12 3/12 2/12 1/12

10. Ben says 3/5 = 8/10 because he added 5 to the top and the bottom. Which fraction really equals 3/5?
    3/10 6/10 8/10 7/10

Equivalent Fractions on Number Lines

Answer Key - Grade 4 Math Worksheet - Challenge Me

Circle the answer, or write the answer on the line.

1. Which fraction with denominator 2 is equal to 5/10?
   5/2 (1/2) 2/2 3/2

2. Which two fractions name the same point on a number line?
   4/6 and 11/12 5/6 and 8/12 2/6 and 2/12 (4/6 and 8/12)

3. 1/3 = ?/6. What number goes in place of the question mark?
   2

4. The line is split into 12 equal parts. The triangle marks 5/6. Which fraction names the same point?



   (10/12) 5/12 9/12 11/12

5. Ben says 3/4 = 7/8 because he added 4 to the top and the bottom. Which fraction really equals 3/4?
   4/8 3/8 (6/8) 7/8

6. Which fraction with denominator 5 is equal to 2/10?
   2/5 3/5 4/5 (1/5)

7. 1/4 = ?/8. What number goes in place of the question mark?
   2

8. Which two fractions name the same point on a number line?
   5/10 and 2/5 2/10 and 2/5 (4/10 and 2/5) 4/10 and 3/5

9. The line is split into 12 equal parts. The triangle marks 1/6. Which fraction names the same point?



   7/12 3/12 (2/12) 1/12

10. Ben says 3/5 = 8/10 because he added 5 to the top and the bottom. Which fraction really equals 3/5?
    3/10 (6/10) 8/10 7/10