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 3 is equal to 8/12?
   1/3 8/3 3/3 2/3

2. Which two fractions name the same point on a number line?
   7/10 and 3/5 6/10 and 3/5 6/10 and 4/5 3/10 and 3/5

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 1/4. Which fraction names the same point?



   4/12 1/12 3/12 9/12

5. Ben says 1/5 = 6/10 because he added 5 to the top and the bottom. Which fraction really equals 1/5?
   6/10 3/10 1/10 2/10

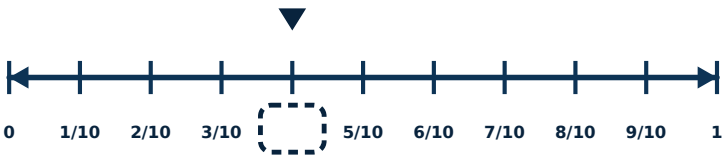
6. Which fraction with denominator 4 is equal to 9/12?
   3/4 2/4 1/4 9/4

7. 1/2 = ?/12. What number goes in place of the question mark?

   _____

8. Which two fractions name the same point on a number line?
   9/10 and 4/5 8/10 and 4/5 8/10 and 5/5 4/10 and 4/5

9. The line is split into 10 equal parts. The triangle marks 2/5. Which fraction names the same point?



   4/10 7/10 2/10 5/10

10. Ben says 5/6 = 11/12 because he added 6 to the top and the bottom. Which fraction really equals 5/6?
    5/12 11/12 8/12 10/12

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 3 is equal to 8/12?
   1/3 8/3 3/3 **2/3**

2. Which two fractions name the same point on a number line?
   7/10 and 3/5 **6/10 and 3/5** 6/10 and 4/5 3/10 and 3/5

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 1/4. Which fraction names the same point?



   4/12 1/12 **3/12** 9/12

5. Ben says 1/5 = 6/10 because he added 5 to the top and the bottom. Which fraction really equals 1/5?
   6/10 3/10 1/10 **2/10**

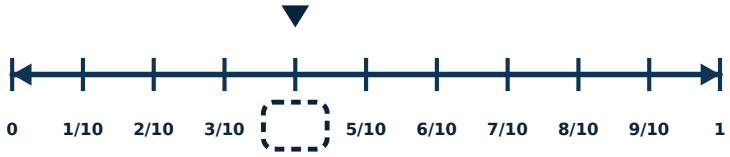
6. Which fraction with denominator 4 is equal to 9/12?
   3/4 2/4 1/4 9/4

7. 1/2 = ?/12. What number goes in place of the question mark?

   6

8. Which two fractions name the same point on a number line?
   9/10 and 4/5 **8/10 and 4/5** 8/10 and 5/5 4/10 and 4/5

9. The line is split into 10 equal parts. The triangle marks 2/5. Which fraction names the same point?



   4/10 7/10 2/10 5/10

10. Ben says 5/6 = 11/12 because he added 6 to the top and the bottom. Which fraction really equals 5/6?
    5/12 11/12 8/12 **10/12**