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 4/12?
   4/3 1/3 2/3 3/3

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

3. 3/5 = ?/10. What number goes in place of the question mark?

   _____

4. The line is split into 6 equal parts. The triangle marks 2/3. Which fraction names the same point?



   2/6 5/6 3/6 4/6

5. Ben says 1/2 = 11/12 because he added 10 to the top and the bottom. Which fraction really equals 1/2?
   11/12 1/12 7/12 6/12

6. Which fraction with denominator 4 is equal to 6/8?
   6/4 3/4 1/4 2/4

7. 2/5 = ?/10. What number goes in place of the question mark?

   _____

8. Which two fractions name the same point on a number line?
   1/8 and 1/12 3/8 and 3/12 2/8 and 9/12 2/8 and 3/12

9. The line is split into 10 equal parts. The triangle marks 1/5. Which fraction names the same point?



   3/10 6/10 1/10 2/10

10. Ben says 1/6 = 7/12 because he added 6 to the top and the bottom. Which fraction really equals 1/6?
    7/12 1/12 3/12 2/12

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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 4/12?

   4/3 (1/3) 2/3 3/3

2. Which two fractions name the same point on a number line?

   (8/10 and 4/5) 4/10 and 4/5 8/10 and 5/5 9/10 and 4/5

3. 3/5 = ?/10. What number goes in place of the question mark?

   6

4. The line is split into 6 equal parts. The triangle marks 2/3. Which fraction names the same point?



   2/6 5/6 3/6 (4/6)

5. Ben says 1/2 = 11/12 because he added 10 to the top and the bottom. Which fraction really equals 1/2?

   11/12 1/12 7/12 (6/12)

6. Which fraction with denominator 4 is equal to 6/8?

   6/4 (3/4) 1/4 2/4

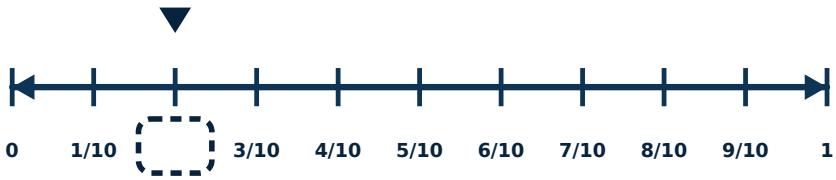
7. 2/5 = ?/10. What number goes in place of the question mark?

   4

8. Which two fractions name the same point on a number line?

   1/8 and 1/12 3/8 and 3/12 2/8 and 9/12 (2/8 and 3/12)

9. The line is split into 10 equal parts. The triangle marks 1/5. Which fraction names the same point?



   3/10 6/10 1/10 (2/10)

10. Ben says 1/6 = 7/12 because he added 6 to the top and the bottom. Which fraction really equals 1/6?

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