

Unit 5: Fractions as Numbers

ADVANCED · SET 2

Name: _____

Date: _____

Show your work and write each answer as an exact number or fraction; keep fractions in the form asked.

1. On a number line from 0 to 1 split into equal parts, the point $\frac{6}{8}$ lands at the same spot as a fraction with denominator 4. Write that equivalent fraction.

Answer: _____

3. Order these three fractions from least to greatest: $\frac{5}{6}$, $\frac{2}{3}$, $\frac{3}{4}$. Write them separated by commas.

Answer: _____

5. Which is larger, $\frac{7}{8}$ or $\frac{5}{6}$? Answer with the larger fraction.

Answer: _____

7. Two fractions are equivalent: $\frac{6}{9} = \frac{2}{?}$. What is the missing denominator?

Answer: _____

9. Chen says $\frac{4}{4}$, $\frac{6}{6}$, and $\frac{8}{8}$ all mark the same point on the number line. What whole number is that point?

Answer: _____

2. A number line is divided into sixths from 0 to 2. What fraction (with denominator 6) names the point exactly 1 and $\frac{2}{6}$ from 0? Give your answer as a single fraction greater than 1.

Answer: _____

4. Fill in the missing numerator: $\frac{4}{5} = \frac{?}{10}$. What number goes in the box?

Answer: _____

6. A whole is cut into eighths. Marco eats $\frac{3}{8}$ and Lena eats $\frac{2}{4}$ of the same whole. Together, what fraction of the whole did they eat? Give the answer in eighths.

Answer: _____

8. On a number line, point A is at $\frac{2}{3}$ and point B is at $\frac{5}{6}$. Using sixths, how many sixths apart are the two points?

Answer: _____

10. Which fraction is closer to 1: $\frac{7}{8}$ or $\frac{8}{9}$? Answer with that fraction.

Answer: _____

11. Write the fraction with denominator 12 that is equivalent to $\frac{3}{4}$, then state how much larger it is than $\frac{8}{12}$. Give the second value as a fraction in twelfths.

Answer: _____

12. A number line runs from 0 to 3 marked in thirds. What fraction (numerator over 3) names the point two-thirds of the way from 2 to 3? Answer as a single fraction greater than 1.

Answer: _____