# DAY 1: Equivalent Fractions and Visual Models

An equivalent fraction names the same portion of a whole. Multiply numerator and denominator by the same nonzero number.

1. Write 2/3 with denominator 12.

2. Write 5/6 with denominator 24.

3. Simplify 8/12.

4. Simplify 15/20.

5. Are 4/10 and 2/5 equivalent? Explain.

6. Find the missing numerator: 3/7 = ?/28.

7. Draw or describe a model proving 2/4 = 1/2.

8. Which is NOT equivalent to 3/5: 6/10, 9/15, or 12/25?

Keep completed work private. Download, fill, save a personal copy, or print.

9. Write two fractions equivalent to 7/8.

10. Explain why multiplying both parts of a fraction by zero is not allowed.

## DAY 2: Compare and Order Fractions

Compare using common denominators or the same whole. Example: 5/6 = 10/12 and 3/4 = 9/12, so 5/6 > 3/4.

1. Compare 3/8 and 5/8.

2. Compare 2/3 and 3/4.

3. Compare 7/10 and 2/5.

4. Order 1/2, 3/8 and 5/8 from least to greatest.

5. Compare 5/12 and 1/2.

6. Find a fraction between 1/4 and 3/4.

7. Which is closer to 1: 7/8 or 4/5?

8. Explain why 2/7 < 2/5.

9. Order 3/4, 2/3 and 5/6.

10. Compare 11/12 and 13/15 using cross-products.

## DAY 3: Add and Subtract Like-Denominator Fractions

For matching denominators, combine numerators and retain the denominator. Example: 9/12 - 5/12 = 1/3.

1. 2/9 + 4/9

2. 7/8 - 3/8

3. 5/12 + 6/12

4. 11/15 - 4/15

5. 3/10 + 5/10

6. 13/16 - 9/16

7. 1/6 + 4/6

8. 9/20 - 3/20

9. A ribbon is 7/8 m long. Remove 2/8 m. How much remains?

10. Find the missing numerator: ?/12 + 5/12 = 11/12.

## DAY 4: Tenths, Hundredths and Decimals

One tenth is 0.1 and one hundredth is 0.01. Compare 0.6 as 0.60 with 0.54.

1. Write 4/10 as a decimal.

2. Write 27/100 as a decimal.

3. Write 0.83 as hundredths.

4. Write 0.5 as hundredths.

5. Compare 0.47 and 0.5.

6. Compare 0.09 and 0.1.

7. Order 0.3, 0.25, 0.32.

8. Write 6/10 + 4/100 as a decimal.

9. Write 0.75 m as hundredths of a meter.

10. Explain why 0.70 equals 0.7.

## DAY 5: Independent Unit Assessment

Independent assessment. Work without teacher coaching and show your reasoning.

1. Simplify 12/18.

2. Find ?/20 = 3/4.

3. Compare 7/8 and 5/6.

4. Order 2/5, 3/10, 1/2.

5. 4/9 + 3/9

6. 11/12 - 5/12

7. Write 0.48 as hundredths.

8. A path is 3/8 km and another is 4/8 km. What is their combined length?

9. A jar holds 0.65 liter and another 0.6 liter. Which holds more, and by how much?

10. Explain with a fraction model why 3/6 = 1/2.