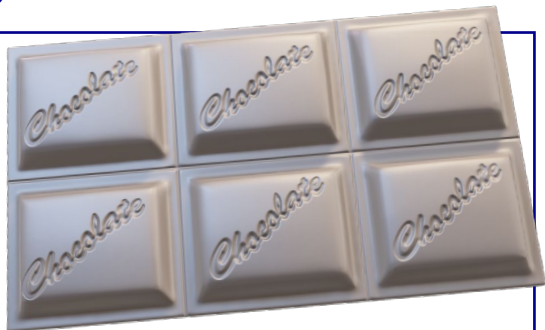


Addition and Subtraction of Like Fractions

Warmup: Complete before watching the video

Mrs. Wendy has one chocolate candy bar. Two students arrived early for class, so she decided to share the candy bar with them. How much of the candy bar does each person get if she gives an equal amount to each person?



I. Fractions: Amounts Less Than 1

II. Addition of Fractions

III. Subtraction with Fractions

IV. Fractions on a number line

V. Practice

Homeschool



Honor Roll

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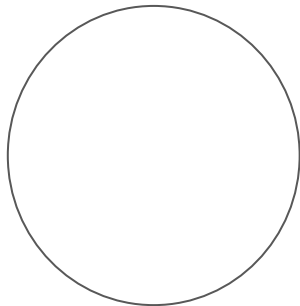
Pre-Algebra and Geometry I

Wendy Harper

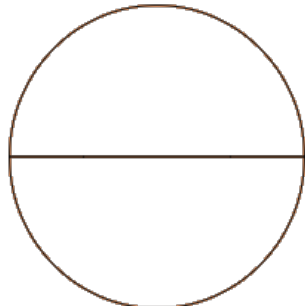
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I. Fractions: Amounts Less Than 1

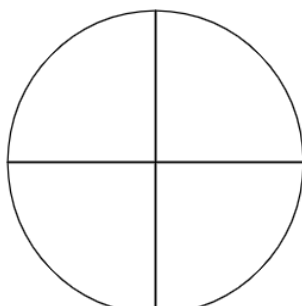
The circle represents the number 1. Color the circle Red.



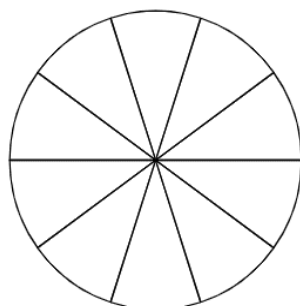
The circle is divided into halves. Color one half of the circle yellow.



The circle is divided into fourths. Color one fourth of the circle green.



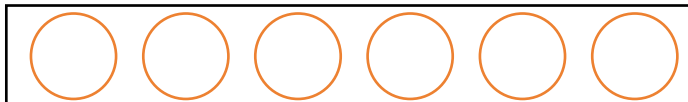
The circle is divided into tenths. Color one tenth of the circle purple.



The rectangle is divided into fifths. Color five fifths of the rectangle blue.



A group of six circles is in the black rectangle. Color five sixths of the circles orange.



The rectangle is divided into fifths. Color five fifths of the rectangle blue.



Numerator Denominator

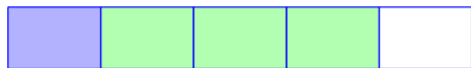
When the numerator equals the denominator the fraction equals 1.

$$\frac{8}{8} = 1 \quad \frac{3}{3} = 1 \quad \frac{5}{5} = 1$$

Numerator: The number above the fraction bar. The numerator tells how many of the parts are selected.

Denominator: The number below the fraction bar. The denominator refers to how many equal parts are in the whole.

II. Addition of Fractions



Enter the answer as a fraction.

Calculate $\frac{1}{5} + \frac{3}{5} = \frac{\boxed{}}{\boxed{}}$

7. $\frac{3}{4} + \frac{1}{4} = \text{---}$

8. $\text{---} + \text{---} = \text{---}$

9. $\text{---} + \text{---} = \text{---}$

10. $\text{---} + \text{---} = \text{---}$

Adding Fractions with the same denominator:

Calculate: $\frac{2}{19} + \frac{9}{19} = \frac{\boxed{}}{\boxed{}}$

11. $\text{---} + \text{---} = \text{---}$

12. $\text{---} + \text{---} = \text{---}$

III. Subtraction with Fractions



Enter the answer as a fraction.

Calculate $\frac{7}{8} - \frac{5}{8} =$

13. $\frac{4}{4} - \frac{2}{4} =$

14.

15.

16.

Subtracting Fractions with the same denominator:

Calculate:

$$\frac{13}{18} - \frac{9}{18} = \frac{\text{}}{\text{}}$$

Calculate:

$$\frac{13}{18} - \frac{9}{18} = \frac{\boxed{}}{\boxed{}}$$

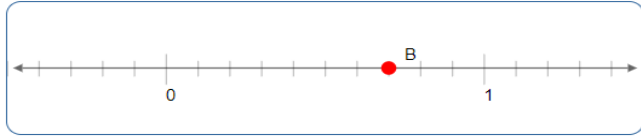
17. $_ _ _ = _$

18. $_ _ _ = _$

IV. Fractions on a number line

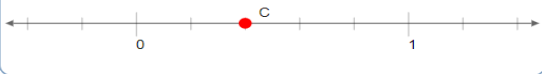


What fraction is at point A?



What fraction is at point B?

19.



What fraction is at point C?

Add point D on the number line at $\frac{1}{3}$



20. Add point E on the number line at $\frac{3}{4}$

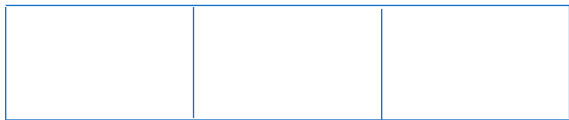


21. Add point F on the number line at $\frac{5}{7}$

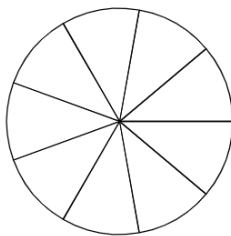


V. Practice

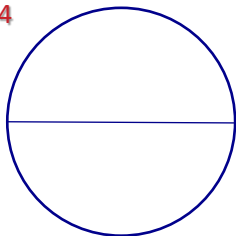
22



23



24



25

