

11. Guided Practice — Worksheet A

Name: _____ **Class:** _____ **Date:** _____

Part A: Identify the meaning

1. In $\frac{1}{2}$, what does the denominator tell you?

2. In $\frac{3}{4}$, what does the numerator tell you?

3. Explain $\frac{1}{2}$ as a quotient.

4. Explain $\frac{1}{2}$ as a number on a number line.

5. Draw or describe a model for $\frac{1}{2}$.

6. Are the two fractions $\frac{1}{2}$ of 12 and $\frac{1}{4}$ of 20 the same amount? Explain.

Part B: Equal parts and the whole

7. A rectangle is divided into 6 equal parts. Four parts are shaded. What fraction is shaded?

8. A student shades 3 pieces of a rectangle divided into unequal pieces and calls the result $\frac{3}{4}$. Explain the error.

9. In " $\frac{1}{2}$ of a class of 30 students," what is the whole?

10. Is $\frac{1}{2}$ less than, equal to, or greater than 1? Explain.

Part C: Fraction as an operator

11. Find $\frac{1}{2}$ of 20.

12. Find $\frac{1}{3}$ of 20.

13. Find $\frac{1}{4}$ of 35.

14. Explain why $\frac{1}{5}$ of 20 must be less than 20.
