

Name _____

Date _____

Identify And Generate Equivalent Fractions By Multiplying And Dividing

G4

Equivalent fractions have the same value but look different. We create them by multiplying or dividing the numerator and denominator by the same number. Understanding this helps compare, simplify, and work with fractions easily.

Q1 Which of the following fractions is equivalent to $\frac{1}{2}$?

A. $\frac{2}{4}$
C. $\frac{4}{6}$

B. $\frac{3}{5}$
D. $\frac{5}{8}$

Q2 Which of the following fractions is equivalent to $\frac{5}{6}$?

A. $\frac{10}{12}$

B. $\frac{15}{18}$

C. Both A and B

D. Neither A nor B

Q3 If $\frac{6}{9}$ is simplified to its lowest terms, what is the equivalent fraction?

A. $\frac{2}{3}$
C. $\frac{1}{2}$

B. $\frac{3}{4}$
D. $\frac{4}{6}$

Q4 Which fraction is equivalent to $\frac{7}{8}$ when the numerator and denominator are multiplied by 5?

A. $\frac{35}{40}$
C. $\frac{28}{32}$

B. $\frac{12}{16}$
D. $\frac{21}{24}$

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**Identify And Generate Equivalent Fractions
By Multiplying And Dividing - Answer Key****Q1****A****Q2****C****Q3****A****Q4****A**