Equivalent Fraction

A. Choose the correct answer:

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

a) $\frac{2}{4}$ b) $\frac{2}{3}$

c) $\frac{3}{4}$ d) $\frac{1}{3}$

2. $\frac{3}{6}$ is equal to which of the following fractions?

a) $\frac{2}{4}$ b) $\frac{1}{2}$

c) $\frac{3}{4}$ d) $\frac{2}{3}$

3. Which fraction is equal to $\frac{4}{8}$?

a) $\frac{1}{4}$ b) $\frac{3}{4}$

c) $\frac{2}{4}$ d) $\frac{1}{2}$

4. $\frac{5}{10}$ is the same as

a) $\frac{1}{2}$ b) $\frac{2}{3}$

c) $\frac{5}{5}$ d) $\frac{3}{5}$

5. Which of the following is not equivalent to $\frac{1}{2}$?

a) $\frac{2}{4}$ b) $\frac{3}{6}$

c) $\frac{4}{8}$ d) $\frac{3}{5}$

B. Write the Missing Terms to Complete the Sentences:

1. $\frac{2}{4}$ is equal to $\frac{\quad}{8}$
2. $\frac{1}{2} = \frac{\quad}{6}$
3. $\frac{3}{9}$ is equal to $\frac{\quad}{3}$
4. To find an equivalent fraction, we can multiply or divide both the numerator and denominator by the ___ number

5. $\frac{4}{6}$ is equal to $\frac{2}{\_\_}$

C. Mark each sentence with a True (✔) or False (✗):

1. $\frac{2}{4}$ and $\frac{1}{2}$ are equivalent fractions _____
2. $\frac{3}{5}$ and $\frac{6}{10}$ are equivalent fractions _____
3. $\frac{4}{6}$ is not equal to $\frac{2}{3}$ _____
4. $\frac{1}{3}$ and $\frac{2}{6}$ are equivalent _____
5. $\frac{5}{10}$ is equal to $\frac{1}{3}$ _____

D. Figure out the answers to these questions:

1. Write any three equivalent fractions of $\frac{1}{2}$
2. Colour $\frac{3}{6}$ of a rectangle Then colour another rectangle with $\frac{1}{2}$ and compare
3. Draw two different shapes showing the fraction $\frac{2}{4}$ and $\frac{1}{2}$ and explain if they are equivalent

E. Challenge yourself with these questions:

1. Find two equivalent fractions of $\frac{3}{4}$ by multiplying both numerator and denominator
2. Are $\frac{2}{6}$ and $\frac{1}{3}$ equivalent? Prove using drawing or multiplication
3. Fill in the blank to make the fractions equivalent $\frac{2}{3} = \frac{\_\_}{6}$
4. Write a word problem that uses equivalent fractions to compare two quantities
5. Create a fraction wall using $\frac{1}{2}$, $\frac{2}{4}$, $\frac{3}{6}$ and label which are equivalent