



EBHS KIKHANZA HOMESCHOOLING BOGOR

"More Knowledgeable, Creative, and Independent"

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Name : _____ Grade: _____

Subject: _____ Teacher: _____

Mid-Term EXAM – Even SEMESTER

Maths

ACADEMIC YEAR 2025/2026

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I. Choose the correct answer!

- Which fraction is equivalent to $\frac{2}{3}$?
a) $\frac{4}{9}$ b) $\frac{6}{9}$ c) $\frac{5}{6}$ d) $\frac{2}{6}$
- What is $\frac{3}{4} + \frac{1}{8}$?
a) $\frac{4}{12}$ b) $\frac{7}{8}$ c) $\frac{5}{8}$ d) $\frac{1}{2}$
- Convert the improper fraction $\frac{11}{4}$ to a mixed number.
a) $2\frac{3}{4}$ b) $3\frac{1}{4}$ c) $2\frac{1}{4}$ d) $1\frac{7}{4}$
- What is $\frac{4}{5} - \frac{1}{2}$?
a) $\frac{3}{3}$ b) $\frac{3}{10}$ c) $\frac{5}{10}$ d) $\frac{3}{7}$
- Simplify the fraction $\frac{12}{18}$ to its lowest terms.
a) $\frac{1}{2}$ b) $\frac{3}{4}$ c) $\frac{2}{3}$ d) $\frac{6}{9}$
- Which symbol makes the statement true? $\frac{5}{6}$ $\frac{7}{8}$
a) > b) < c) = d) x
- What is $2\frac{1}{3}$ written as an improper fraction?
a) $\frac{5}{3}$ b) $\frac{6}{3}$ c) $\frac{7}{3}$ d) $\frac{3}{2}$
- Find the product: $\frac{1}{2} \times \frac{3}{5}$.
a) $\frac{4}{7}$ b) $\frac{3}{10}$ c) $\frac{1}{5}$ d) $\frac{3}{7}$
- What is $\frac{1}{3}$ of 12?
a) 3 b) 6 c) 4 d) 36
- A cake is cut into 12 slices. If Sarah eats 3 slices, what fraction of the cake is left?
a) $\frac{1}{4}$ b) $\frac{3}{4}$ c) $\frac{9}{12}$ d) Both b and c
- What is $5 : \frac{1}{2}$?
a) $2\frac{1}{2}$ b) 10 c) $\frac{5}{2}$ d) 7
- Which of the following is a "unit fraction"?
a) $\frac{2}{1}$ b) $\frac{1}{8}$ c) $\frac{5}{5}$ d) $\frac{3}{4}$
- What must you have to add or subtract fractions?
a) same numerator b) calculator c) same denominator d) Improper fractions

14. What is $\frac{1}{4} \times \frac{1}{4}$?

a) $\frac{2}{8}$

b) $\frac{1}{8}$

c) $\frac{1}{16}$

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

15. If a recipe calls for $\frac{3}{4}$ cup of flour and you want to double it, how much flour do you need?

a) $1\frac{1}{2}$ cups

b) $\frac{6}{8}$ cup

c) 2 cups

d) $1\frac{1}{4}$ cups

II. Match the term or fraction on the left with its correct description on the right.

Column A	Column B
1. $\frac{10}{10}$	A. A fraction where the numerator is larger than the denominator.
2. Improper Fraction	B. Equal to 1 whole.
3. Reciprocal of $\frac{2}{3}$	C. The bottom number in a fraction.
4. Denominator	D. $\frac{3}{2}$
5. $\frac{1}{4} + \frac{1}{4}$	E. $\frac{1}{2}$ (Simplified)

III. Answer these question and show your work!

1. Leo has 4 pizzas. He wants to give each of his friends $\frac{1}{3}$ of a pizza. How many friends can he feed?

2. Is the sum of $\frac{8}{9}$ and $\frac{12}{13}$ closer to 1 or 2? Explain your reasoning. _____

3. Solve $5 - 2\frac{1}{4}$ and write the answer as a mixed number. _____

4. Draw a visual model (like a rectangle or circle) to show why $\frac{1}{2}$ is the same as $\frac{4}{8}$ _____

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5. A track is $\frac{3}{4}$ of a mile long. If Jenny runs around it 5 times, how many miles did she run? (Express as a mixed number). _____
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