



EBHS KIKHANZA HOMESCHOOLING BOGOR

"More Knowledgeable, Creative, and Independent"

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Name : _____

Grade : _____

Subject: _____

Teacher : _____

FINAL EXAM

MATH

ACADEMIC YEAR 2023/2024

March, 2024

I. Choose the correct options, A, B, C or D

- 1 Which is equal to 475?
a $200 + 60 + 10$
b $400 + 70 + 5$
c $100 + 250 + 150$
d $100 + 150 + 75$
- 2 Which is false?
a $5 + 5 + 5 = 3 \times 5$
b $7 + 7 + 7 = 7 \times 7$
c $5 \times 5 \times 5 = 5 \times 3$
d $6 \times 6 \times 6 = 6 \times 3$
- 3 What is the digit in the hundred thousands place in 4.126.820?
a 8 b 1 c 2 d 6
- 4 Which is a factor pair of 36?
a 6 and 3 b 9 and 3
c 6 and 6 d 8 and 4
- 5 Which is a common factor of 8 and 12?
a 4 b 5 c 6 d 7
- 6 Which is a common multiple of the numbers 4, 5 and 10?
a 30 b 20 c 25 d 50
- 7 Both 3 and 4 are factors of which number?
a 10 b 12 c 18 d 15
- 8 Which number is a factor of 63?
a 8 b 5 c 6 d 7
- 9 What is 298.025 in words?
a two hundred thousand and ninety-eight twenty-five
b two hundred and ninety-eight thousand, twenty-five
c two hundred and ninety-eight thousand and twenty-five
d two hundred and eighty nine thousand and twenty-five
- 10 Which is correctly ordered from smallest to largest?
a $808.900 < 900.880 < 800.908$
b $808.008 < 880.088 < 888.008$
c $706.807 < 700.087 < 780.607$
d $808.900 < 900.880 < 800.908$
- 11 Which is equivalent to $\frac{3}{7}$?
a $\frac{4}{7}$ b $\frac{9}{14}$ c $\frac{5}{9}$ d $\frac{6}{14}$
- 12 Which fraction is true for $\frac{2}{3} + \frac{3}{5}$?
a $\frac{15}{22}$ b $\frac{6}{8}$ c $\frac{15}{19}$ d $\frac{6}{8}$
- 13 What is $\frac{5}{12} + \frac{2}{6}$?
a $\frac{7}{18}$ b $\frac{3}{12}$ c $\frac{7}{12}$ d $\frac{9}{12}$
- 14 What is the simplest form of $\frac{12}{20}$?
a $\frac{3}{5}$ b $\frac{4}{5}$ c $\frac{6}{10}$ d $\frac{5}{10}$

- 15 Which is an improper fraction?
a $\frac{4}{9}$ b $2\frac{2}{4}$ c $\frac{1}{3}$ d $\frac{22}{7}$
- 16 What is 20% of 50?
a 20 b 10 c 5 d 30
- 17 What percentage is $\frac{2}{5}$?
a 25% b 20% c 30% d 40%
- 18 What is $23,01 + 17,62$?
a 41,63 b 5,39 c 40,63 d 30,72
- 19 If a whole is 100%, what is $\frac{1}{4}$?
a 15% b 25% c 20% d 40%
- 20 Which is bigger than 55%?
a 0,25 b 0,5 c 0,57 d 0,45

II. Follow the instruction for each questions!

- 1 Write a number that would make the number statement true.
 $17 + \boxed{} = 70$
- 2 Write this number in words: 1.300.000.
- 3 Write these numbers in order from smallest to largest.
3,949 39,490 39,49 3,94
- 4 Write three multiples for 5
- 5 List all the factors of 18.
- 6 Look at this set of numbers.
50 78 100 125 142 145 260
Write all the numbers in the set that are divisible by 5.
- 7 Write these fractions with the same denominator: $\frac{1}{3}$ and $\frac{1}{2}$
- 8 Complete the calculation. $0,3 \times 10 = \boxed{}$
- 9 Convert $\frac{8}{3}$ to a mixed number.
- 10 Write >, < or = to compare the numbers. $0,60 \boxed{} 15\%$

III. Read the instruction for each questions!

1. Write the numbers as words to complete the table.

	Number	Words
a	200.000	Two _____ _____ _____
b	498.348	Four hundred _____ _____ _____ and forty-eight
c	3.500.000	_____ _____ _____ thousand.

- 2.

Change these decimals to fractions and mixed numbers. Simplify your answers.

- a 0,75 = b 0,56 =
 c 1,35 = d 0,250 =
 e 12,45 = f 1,65 =
 g 82,30 = h 0,85 =
 i 0,15 = j 100,28 =

Change the fractions and mixed numbers to decimals. Show your solutions.

- a $\frac{2}{5}$ = b $\frac{12}{25}$ =
 c $\frac{3}{8}$ = d $\frac{9}{10}$ =
 e $\frac{5}{8}$ = f $2\frac{3}{5}$ =
 g $3\frac{6}{25}$ = h $12\frac{7}{10}$ =
 i $8\frac{3}{5}$ = j $\frac{4}{25}$ =