

CLASS 5 HOLIDAY HOMEWORK 2020

MATHEMATICS

Mathematics - Standard 5

WEEK 1 - DAY 1

DECIMALS

Write the following as decimals.

1. $\frac{4}{10}$

5. $\frac{41}{100}$

2. $\frac{25}{100}$

Which is greater?
6. $\frac{3}{5}$ or 0.07

3. $\frac{17}{125}$

7. $\frac{2}{5}$ or 0.25

4. $\frac{14}{25}$

8. $\frac{1}{5}$ or 0.075

Add and subtract the following

9. $21.7 + 0.03 + 123.124$

10. $18.405 - 9.03$

WEEK 1 - DAY 2

11. Achieng's scooter uses a mixture of petrol and oil for fuel. She filled the scooter with 2.65 litres of petrol and 0.35 litres of oil. How much fuel was put in the tank of the scooter?

13. 21.70×49

14. 22.224×8

12. 44.16×71

15. Ondiyo bought 1.4m of clothing material. If he used 0.828m of it, what was the length of the material that remained?

Change into metres

1. 245cm

2. 140cm

3. 340cm

4. 5010cm

5. 2565cm

WEEK 1 - DAY 3

6. Wanjiku's land is rectangular. It is 125m long and 42m wide. What is its area in square metres?

7. A standard 5 maize garden is 40m by 20m. Find the area of the garden.

8. A car park is 80m by 23m. What is the area of the car park?

9. The area of a field is 84 square metres. Its length is 12 metres. What is the width of the field?

10.

| | | |
|----|----|----|
| Km | m | cm |
| 12 | 27 | 39 |
| x | | 9 |
| | | |

11.

| | | |
|----|---|----|
| Km | m | cm |
| 6 | 3 | 27 |
| x | | 9 |
| | | |

12. $24\text{km } 12\text{m} \div 9$

14. $3\text{Km } 500\text{m} \times 3$

13. $15\text{m } 20\text{cm} \div 4$

15. $12\text{Km } 950\text{m} \div 7$

WEEK 1 - DAY 4

16. Find the perimeter of a rectangular field measuring 150m long and 97m 30cm wide.

18. $46\text{km } 30\text{cm} \div 5$

19. $23\text{km } 750\text{m} \div 5$

17. Njeri started a 100m race but fell down when she was 80m 40cm from the finishing point. How far did she run?

20. $9\text{km } 90\text{m } 45\text{cm} \times 100$

WEEK 2 - DAY 1

TIME

1. h min
 5 15
- 2 25

2. h min
 4 40
- 3 10

3. h min sec
 4 48 15
+ 7 12 27

4. h min sec
 3 34 40
+ 4 25 20

5. h min
 7 30
x 4

6. h min sec
 10 20 30
x 3

7. Work out:
 Weeks Days
 8 5
x 3

8. 3 | 9hr 18min 06s

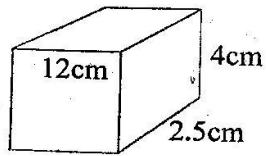
9. 8 | 40h 125min 28s

10. h min s
 8 15 10
- 5 30 24

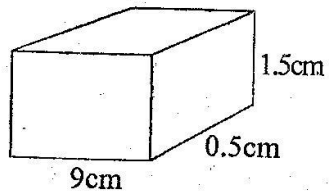
WEEK 2 - DAY 2

Find the volume

1.



2.



3. A metal box measures 4cm by 3cm by 5cm. What is the volume of the metallic box?

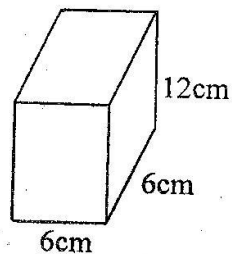
4. A box containing medicine measures 28cm by 25cm by 22cm. What is volume of the box?

5. What is the volume of a cube of side 8cm?

6. A rectangular box is 15cm long, 12cm wide and 9cm high. What is its volume?

7. A bar soap measures 6cm by 5cm by 60cm. What is the volume of the bar soap?

8.



Find the number of cubes in the following stacks.

9. 5 columns, 2 rows, 4 layers.

11. 8 columns, 3 rows, 5 layers

10. 8 columns, 8 rows, 8 layers

WEEK 1 - DAY 4

12. A pot is filled with 23 quarter litre glasses. How many litres does the pot hold?

15. 12 litres 270 ml \times 9

13. How many millilitres are there in $3\frac{1}{2}$ litres?

16. 46 litres 40 ml \div 8

14. A carton contained 80 bottles of ink each containing 50ml. How many litres of ink was in all the bottles?

17. 6 litres 350ml + 3 litres 650 ml

Litres

18. $\frac{3}{4}l - \frac{1}{4}l - \frac{1}{4}l$

19. $1\frac{1}{4}l + 2\frac{1}{4}l + 3\frac{1}{2}l$

20. A water tank had 374 litres 600ml in the morning. If 280 litres 780 ml remained by the evening, how much water was used during the day?

21. Litres ml
 22 340
- 18 820

MONEY

1. Sh Cts
 85 25
+ 135 80

1257 95

2. Sh Cts
 345 85
+ 679 65

1493 35

3. Sh Cts
 605 05
+ 63 95

186 15

4. Sh Cts
 205 45
+ 3005 60

9063 15

5. Sh Cts
 13007 30
+ 74 80

398 25

WEEK 1 - DAY 5

6. Sh Cts
 4909 70
 + 207 15
 5658 25

7. Sh Cts
 810 45
 - 193 75

8. Sh Cts
 470 70
 - 289 65

9. Sh 257.25 + Sh 8.30 + Sh 39.40

10. Sh 964.45 + Sh 93.85 + Sh 413.45

11. Sh 6274 - Sh 2275.95

12. Sh 3001.05 - Sh 1433.10

13. Jane bought 2kg of meat for sh 325; $1\frac{1}{2}$ kg of beans for sh 105 and $\frac{1}{2}$ kg of butter for sh 75. How much balance did she get from sh 1000 shilling note?

14. Sh Ct
 82 50
 x 8

15. Sh Ct
 25 05
 x 12

WEEK 2 - DAY 1

16.

| | | |
|----|----|-----|
| Sh | 75 | Cts |
| 3 | 75 | 60 |

17.

| | | |
|----|----|-----|
| Sh | 98 | Cts |
| 9 | 98 | 10 |

18. 7kg of meat cost sh 840. What is the price of 1kg of meat?

19. 1kg of rice was being sold for sh 40. Mrs Mwangi used sh 440 to buy some rice. How many kilograms of rice did she buy?

20. Arap Tum had 125 bags of wheat. If he could sell all the bags for sh 18750, for how much did he sell each bag?

WEEK 2 - DAY 2

1. Write the following numbers in symbols: Forty five thousand two hundred and eighty two.

2. Round off the following numbers to the nearest hundred: 7048

3. Write the number just before the following

a) 8000

b) 61710

c) 25000

- | | |
|--|---|
| <p>4. What is the place value of three in 53418?</p> | <p>9. What is the place value of 0 in 503692?</p> |
| <p>5. Round off the following number to the nearest 10: 53.</p> | <p>10. What is the number just before 999999?</p> |
| <p>6. Write down the following number in symbols: Three hundred thousand and two.</p> | |
| <p>7. What is the total value of digit 4 in 621439?</p> | |
| <p>8. Write down the following numbers in symbols: Forty seven thousand six hundred and seventy two.</p> | |

WEEK 2 - DAY 3

11. Work out: $56184 + 8 + 13746$
12.
$$\begin{array}{r} 467840 \\ 265 \\ + 8077 \\ \hline \end{array}$$
13. Shuraim can type 45 words per minute. How many words can he type in 45 minutes?
14. Seven girls went to the library to borrow books. Each girl borrowed 2 books each time. If they went to the library 3 times, how many books did they borrow altogether?
15. Work out the following:
 $625437 + 130082 + 18273$
16. Denzel has sh 42000. He bought a piece of land which cost him sh 35000. How much money was he left with?
17. A lorry is to transport 4200 bags of fertiliser. If it made 14 trips, how many bags does it transport in each trip?
18. 60450×16
19. What is the next number in the pattern below?
10, 20, 30, 40, _____

20. List the first 10 odd numbers and find their sum.

WEEK 2 - DAY 4

21. What do we get when we add an odd number to an even number?

24. An odd number multiplied by an odd number is _____

22. When we multiply an odd number to an even number, we get?

25. Complete the table below.

| x | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|----|----|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

23. Write each of the following numbers as a product of two odd numbers only.
a) 27

26. Which of these numbers is divisible by 4?

63 94 62 44

b) 39

27. Find the G.C.D of 54 and 90.

c) 65

WEEK 2 - DAY 5

28. What is the L.C.M of 4, 5 and 12?

29. Find the highest common factors of 15, 30, and 35.

30. Write 49 in Roman numbers.

31. Find the missing numbers in the following:

a) $\frac{1}{2} = \frac{1 \times ?}{2 \times ?} = \frac{2}{4}$

b) $\frac{?}{3} = \frac{4}{6}$

c) Work out

$$\frac{5}{6} + \frac{1}{6}$$

32. Write in its simplest form:

$$\frac{100}{200}$$

33. $\frac{5}{12} + \frac{7}{12} =$

34. Felix was told to subtract $\frac{1}{6}$ from $\frac{2}{3}$.
What answer did he get?

WEEK 3 - DAY 1

35. Gesare bought $2\frac{2}{3}$ kg of steak and $1\frac{1}{2}$ kg of liver. If they were wrapped together, how much did the two items weigh together?
36. Work out the following:-
 $2\frac{3}{5} \times 2$
37. The distance from Tinashe's home to school is $5\frac{3}{4}$ km. She walks on foot for $2\frac{1}{2}$ km then boards a motorcycle for the rest of the journey. What distance does she cover on the motorcycle?
38. Pupils from Mung'ong'a primary school were asked to collect sand in buckets of $5\frac{1}{2}$ kg. If the school has 400 pupils, what is the total mass of the sand collected?
39. $13\frac{4}{5} + 4\frac{1}{2}$
40. $9\frac{1}{5} + 2\frac{1}{2}$

Work out the following and give your answer in simple form:

41. $3\frac{1}{4} + 7\frac{1}{3}$

43. $21\frac{3}{7} + \frac{3}{4}$

42. $3\frac{5}{6} + 2\frac{4}{9}$

44. $2\frac{1}{6} + 6\frac{5}{9} - 3\frac{2}{3}$

WEEK 3 - DAY 2

45. $6\frac{2}{12} - 2\frac{5}{10}$

47. What is $7\frac{1}{2}$ take away $3\frac{2}{5}$?

46. Add $\frac{1}{6}$ to the difference $3\frac{2}{3}$ and $1\frac{1}{2}$.

48. $24 \times 2\frac{5}{12}$

49. $7\frac{7}{9} - 3\frac{5}{9}$

50. What is seven and a third times three?

WEEK 3 - DAY 3

1. Write thirty two thousands and twenty in figures

2. What is the place value of 4 in 604729?

3. Add $54394 + 9672 + 847$

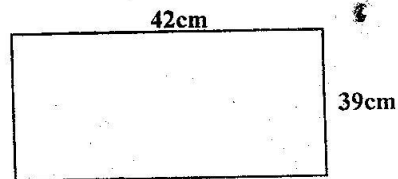
4. $800602 - 77584 =$

5. What is 4984 to the nearest hundred?

6. Round off 30803 to the nearest tens

7. What is the total value of 3 in 723492?

8. What is the area of the figure below?



9. Work out $394 \times 27 =$

WEEK 3 - DAY 4

10. There are 952 pupils in Narumoro primary school. Each pupils paid sh. 65 for a party. How much money was collected?
11. One side of a square is 200m. Find the perimeter of the square.
12. Which is the next number in the series 2,4,6,8,10 , _____
13. Among the following numbers, which one is divisible by 6 ?
(70032, 9996, 6744, 3764)
14. Change $2\frac{3}{4}$ into an improper fraction.
15. Change $\frac{12}{100}$ into a fraction in its simplest form
16. Which of these fractions is the largest $\frac{4}{5}$ or $\frac{5}{8}$?
17. Paul had a cake which he divided to Dennis and Tracy. Dennis got $\frac{1}{4}$ of the cake and Tracy got $\frac{3}{8}$ of the cake. What fraction did they eat altogether?
18. Add

| | | |
|-------|---|----|
| | m | cm |
| | 9 | 47 |
| + | 2 | 59 |
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| <hr/> | | |

WEEK 3 - DAY 5

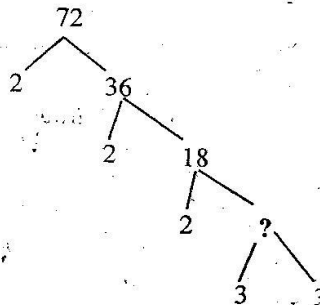
19. The perimeter of a square is 72m. What is the measure of one side?

20. Find the GCD of 36, 54 and 63

21. Moses can read 3920 words an 1 hour, how many words can he read in a minute?

22. Find the sum of prime numbers between 50 and 70 ?

23. Complete the factor tree.



24. Work out $230 \div 5 =$

25. Find the LCM of 24, 36 and 48

26. Work out

| | |
|-----|----|
| m | cm |
| 9 | 24 |
| - 2 | 72 |
| | |

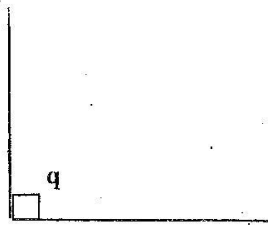
27. What is the value of $4\frac{4}{9} - 5\frac{5}{6}$?

28. Work out $3\frac{5}{5} \times 24$

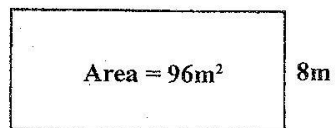
29. What is $1 - \frac{4}{9}$?

30. Simplify $\frac{18}{34}$

31. The angle q is a _____ angle



32. The area of a rectangle is 96m^2 . Find its length if the width is 8m



33. One crate of soda can hold 24 bottles. How many crates are needed for 2032 soda?

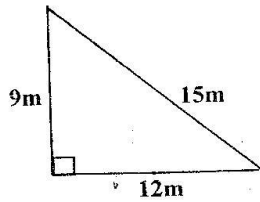
34. Add $0.4 + 0.056 + 2.51$

35. Find the value of c if $c + 5 = 12$

36. Work out

37. Write $\frac{698}{1000}$ as a decimal

38. Find the area of the figure below

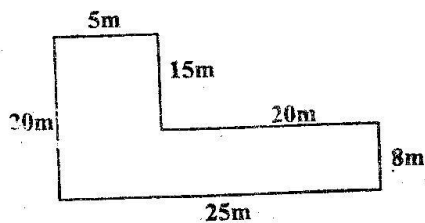


39. Nyamboke had sh46.75 and Kimathi had sh. 208.60. How much money did they have altogether

40. Work out: 26.3×4

41. Write 6.08 a fraction

42. Calculate the perimeter of the figure below

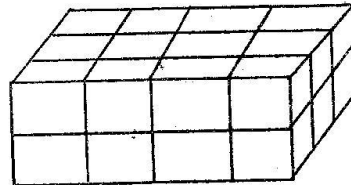


43. Christine is 125cm tall. How tall is she in m?

44. Change 42m 12cm into cm

45. Round off 4216 to the nearest 100

46. How many cubes are in the stack below?



47. Divide 3680 by 15

48. Work out $25k + 6w + 3k + 14w$

49. What is $\frac{1}{3}$ multiplied by 18

50. What is $10\frac{2}{3}$ as an improper fraction?