

STANDARD 5 MATHEMATICS

I. Find the place value of digit 7 in each of the following

a. 79865

c. 123567

b. 86723

d. 736549012

2. Find the total value of each digit in the following:-

a. 8763295

b. 3417825

c. 4815729

d. 3795216

3. Write in words

a. 6870431: _____

b. 354567: _____

c. 4002401: _____

4. Write in figures

a. Forty five thousand and forty five. _____

b. Three million three thousand three hundred and one. _____

c. Ten thousand and eighty. _____

5. Round off to the nearest thousands

a. 6952. _____

b. 235458. _____

c. 99543. _____

6. Work out

a. $62793 + 69045$

b. $99648 + 24563$

c. $92507 - 32917$

d. $158473 - 132283$

e. 1007×432

f. 420×96

g. $48425 \div 65$

h. $1955 \div 30$

7. Find the next number in the sequence

a. 7, 10, 14, 19, _____

b. 2, 3, 5, 7, _____

c. 1, 4, 9, 16, _____

8. Find the GCD of 4, 12 and 20

9. Find the LCM of 2, 5 and 10

10. What is the greatest number that can divide 3, 6 and 9 exactly?

1. Write the place value of digit 2 in the following: -

a. 3.128

b. 9.756

c. 26.827

d. 7.8345

2. Round off the following to 1 decimal place:

a. 4.96

b. 17.2809

c. 3.412

3. Round off the following to 2 decimal places:

a. 13.456

b. 24.326

c.99.352

d.49.998

4.Round off the following to 3 decimal places:-

a.7.9237

b.6.75

c.5.6752

d.0.9998

5. Round off the following to the nearest whole number:-

a.32.52

b.2.45

c.99.67

d.9.23

6.Solve

a.47.14+98.3

b.25.3+3.6+0.003

7. a. 8.07-0.8

b. 6.85-4.08

c. 40 - 19.999

8. Convert into decimals:

a. $\frac{19}{50}$

b. $\frac{14}{5}$

c. $\frac{3}{10}$

9.Convert into fractions:

a.0.55

b.0.68

c.2.25 d.0.8

10.Work out

a.9.5 x 10

b.5.67x9

c.9.396÷9

1. Express 0.32 as a fraction in its simplest form.

2. Draw these angles

Reflex angle

Obtuse angle

3. Work out $8\text{km } 710\text{m } 75\text{cm} \times 4 =$

4. What is the width of a rectangle whose area is 182 square centimetres, if its length is 14cm?

5. Work out $2\frac{3}{4} + 3\frac{1}{4} =$

6. Work out $13\text{ weeks } 4\text{ days} \div 5 =$

7. Arrange the following fractions from the smallest to the largest.

$\frac{1}{2}, \frac{1}{16}, \frac{1}{8}, \frac{1}{7}$

8. What is the LCM of 12, 30, and 36?

9. How many quarter litres are there in 8 litres?

10. Change 24000 meters into kilometers.

1. A meeting started at 2.00 pm and ended at 5.30 pm. How long was the meeting?

2. What is the perimeter of a square field whose side is 15m?

3. What is the sum of prime numbers between 90 and 100?

4. Work out $8 \times 6\frac{3}{4} =$

5. How many hours and minutes are in 265 minutes?

6. What is the next number in the sequence?

44, 48, 52, 56 _____

7. There are b boys and g girls in a school. How many pupils are in the school?

8. What is $\frac{5}{8}$ as a decimal?

9. What is the LCM of the even numbers between 15 and 21?

10. Which number comes immediately after 9 699?

1. A square has a perimeter of 144 cm. What is the length of each side?

2. Mwanisha bought three packets of flour at sh.138 each. How much money did he spend to buy the flour altogether?

3. How many half litres are there in 41 liters?

4. Write $\frac{437}{1000}$ in decimal,

5. Work out $4.2 \times 0.36 =$

6. What is 6 025 rounded off to the nearest hundreds?

7. Work out $3\text{h } 25\text{min} \times 8 =$

8. Change 150 seconds into minutes and seconds.

9. What is the value of x in the equation below?

$$3x - 5 = 10$$

10. $40\text{ weeks } 2\text{ days} - 24\text{ weeks } 3\text{ days} =$

1. Which fraction is the smallest? $\frac{1}{3}, \frac{1}{10}, \frac{1}{12}, \frac{1}{8}$. _____

2. Solve $71 \div 8 =$

3. Subtract $\frac{8}{15} - \frac{4}{15} =$

4. What is the perimeter of a square whose side is 28cm?

5. Nine women shared 87 packets of seeds. How many packets remained?

6. Which whole number comes just before 16 000? _____

7. 12 pens cost sh.192. What is the cost of one pen?

8. Work out $90 \div 30 =$

9. Write 0.07 as a fraction.

10. What is the measurement of the side of a square whose perimeter is 60cm?