

Key Words:

Addition:

altogether, plus, add, carryover, total, more, sum, Roman, Hindu Arabic, addends

Subtraction:

take away, minus, less, equals to, subtract, borrow, left, difference, subtrahend, minuend, decrease

Multiplication:

multiply, product, tables, multiplied by, multiplicand, repeated addition

Division:

equal sharing, dividend, divisor, quotient, remainder, distribute

Fraction:

Unit, proper, improper, like, unlike, mixed, equivalent

Factors and multiples:

Factors, multiples, prime no, composite no, factor tree, prime factorisation, least common multiple (LCM), highest common factor (HCF)

Time:

Clock, noon, midnight, half past, quarter to, quarter past, 12 hr, 24 hr

Points to remember:

1 ₹ = 100 paise

1 km = 1000 m

1 kg = 1000 g

1m = 100 cm

1 l = 1000 ml

1 day = 24 hrs

1 hr = 60 min

1 min = 60 sec

1 = I
5 = V
10 = X
50 = L
100 = C
500 = D
1000 = M

Note: Please ensure statements and units are written.

Mental Maths
Practice Sheet - 1

Time duration: 15 min

Q1. Fill in the blanks.

a. The sum of the greatest 3 – digit number and the smallest 6 – digit number is

b. $845678 + 0 =$ _____

c. 100 more than 9999 equals _____

d. The place value of 6 in 46895 is _____

e. 156 in Roman numerals is written as _____

f. A number which has only two factors 1 and number itself is called

_____ number.

g. Fifty lakhs seventy seven thousand forty five in figures is written

as _____.

h. A line segment has _____ end points.

i. Diameter = _____ x radius

j. 5 : 35 p.m. is same as _____ hours in 24 – hour clock time.

Mental Maths
Practice Sheet - 2

Time duration: 15 min

Q1. Tick the correct answer.

- a.** The time 11 minutes to 1 is same as _____
i. 12:49 ii. 05:33 iii. 01:55
- b.** A man earns 2465 rupees every month. How much does he earns in 3 years?
i. 73950 ii. 83810 iii. 88740
- c.** The smallest prime number is
i. 0 ii. 1 iii. 2
- d.** The number which is divisible by 3 but not 9 is
i. 45 ii. 57 iii. 99
- e.** The prime factorisation of 24 is
i. $2 \times 3 \times 4$ ii. 6×4 iii. $2 \times 2 \times 2 \times 3$
- f.** $8\text{cm}2\text{mm} + 2\text{cm}8\text{mm}$
i. $10\text{cm}2\text{mm}$ ii. $10\text{cm}8\text{mm}$ iii. 10cm
- g.** The interval between 7:15 p.m. and 10:10p.m. is
i. 2 hours ii. 2hours 55minutes iii. 3 hours
- h.** How many seconds are there in 1 hour?
i. 60 ii. 360 iii. 2160
- i.** 260×60 equals
i. 1260 ii. 12600 iii. 15600
- j.** The product of two numbers is 2175. If one of the numbers is 15, the other number is
i. 125 ii. 135 145

Mental Maths
Practice Sheet - 3

Time duration: 15 min

Q1. Write True or False.

- a. The sum of two odd numbers cannot be odd. _____
- b. The number 12345 is divisible by 2 and 5 _____
- c. Every even number is a multiple of 2. _____
- d. The product of 1 and 0 is always 1. _____
- e. There is only one diameter for a circle. _____

Q2. Solve the cross number puzzle.

	a.	f.	g.		
e.		b.			h.
c.					
		d.			

Across

- a. Counting in tens the number after 2124
- b. 20 more than 5652
- c. Seven thousands eight hundreds four tens and seven ones
- d. Made of 9, 8, 5 and 4. Starts with 5, ends with 4 has 8 in ' Hundreds place'

Down

- e. Counting in thousands the number before 4743
- f. Counting in hundreds after the number 1445
- g. The number between 3677 and 3679
- h. Forty more than 2901

Practice sheet – 4

Q1. Subtract 9999 from smallest 6 digit number.

Q2. Find the difference between 211302 and 12659

Q3. Find the sum of 14 thousands and 13 hundreds.

Q4. Add eighty thousand and 17 hundreds.

Q5. Find the difference when:

Minuend = 37486, subtrahend = 21032

Minuend = 61053, subtrahend = 11031

Q6. What number should be added to 16877 to get 20014?

Q7. What should be subtracted from 32050 to get 3675?

Q8. The sum of three numbers is 100010. If two of them are 37675 and 28948, find the third number.

Q9. A milk dairy produced 70500 litres of milk in a day. It supplied 28680 litres to one town and 19569 litres to another town. How much milk was left with the dairy on that day?

Q10. Gaurav wants to buy a car that costs rupees 803596. He has only 459630. How much more money does he need?

Practice sheet – 5

Q1. Multiply 1285 by 607

Q2. Find the product of greatest 3 - digit even number and number of days in a leap year.

Q3. 8195×56

Q4. Divide 7708 by 28 and check the answer.

Q5. Find the dividend, when quotient = 56, divisor=68 and remainder = 35

Q6. If 23 chairs costs rupees 8855, what is the cost of each chair?

Q7. The product of two numbers is 5301. If one of the numbers is 93, find the other number.

Q8. How many hours are there in 3240 minutes?

Q9. A train covers a distance of 8928 km in 24 hours. How much distance does it cover in 1 hour?

Q10. 36 eggs can be packed in one tray. How many trays will Mona need to pack 1264 eggs? How many eggs will be left?

Practice sheet-6

Q1. Convert 2356 ml into litres and milliliters.

Q2. Convert 8 kg 372 g into g.

Q3. Convert 4 m 23 cm into cm.

Q4. Convert 4235 cm into m and cm.

Q5. Add 26 m 68 cm and 32 m 74 cm

Q6. Subtract 3Km 241 m from 8 Km 337 m

Q7. Add 3 Km 224 m, 3 Km152m and 2Km 972 m

Q8. Subtract 51 Km 392 m from the sum of 252m 91 cm and
417m 28 cm.

Q9 Subtract 44 Kg 982 g from the sum of 52 Kg 251g and 25 Kg 668 g.

Q10. Subtract 54 l 962 ml from the sum of 43ℓ 251 mℓ and 34 ℓ 238 mℓ

Practice Sheet -7

Q1. A basket has 9 apples of which 4 were found to be rotten.

What fractions of apples are good?

Q2. Write the equivalent fraction of $\frac{1}{6}$.

Q3. Compare $\frac{2}{3}$ and $\frac{3}{12}$

Q4. Convert $\frac{5}{3}$ into a mixed fraction.

Q5. Convert $1\frac{3}{5}$ into an improper fraction.

Q6. Subtract $\frac{3}{5}$ from $\frac{2}{3}$.

Q7. Rohit spent $\frac{1}{3}$ of his money on food and $\frac{1}{4}$ of his money on books. What fraction of the money did he spend in all?

Q8. Manu bought $\frac{2}{5}$ m of ribbon and Sonal bought $\frac{1}{2}$ m of ribbon. Who bought more and how much?

Q9. Rajat ate $\frac{2}{3}$ of a pizza. Marry ate $\frac{1}{4}$ of a pizza. Who ate more and by how much?

Q10. A book weighs $\frac{2}{3}$ Kg. Find the total weight of 5 such books.

Practice Sheet – 8

Q1. Find the factors of 12.

Q2. Find the HCF of 9 and 15

Q3. Use division to find the factors of 36

Q4. Find the LCM of 6 and 8

Q5. Find the first five multiples of 13

Q6. Find the prime factorization of 18 and 48 by factor tree method.

Q7. Check the divisibility of 252 by 3, 6, 9.

Q8. Find the common factors of 4 and 10.

Q9. Write the multiples of 7 till 77.

Q10. Write the prime numbers between 21 and 30

Practice sheet -9

Q1. Add 3 hrs 20 mins and 2 hrs 15 mins.

Q2. Find the time 2 hrs 15 mins before 9:00 p.m.

Q3. Meena office timings are 10:00 a.m. to 5:30 p.m. How many hours does she spend in office?

Q4. If 5th Jan 2014 was Sunday, What was the day on 29th Feb. 2014?

Q5. Find the total number of days between 18th December 2013 and 21st March 2014?

Q6. Convert 12 mins into seconds.

Q7. Convert 5 hrs 12 mins into mins.

Q8. Subtract 7 hrs 20 mins from 15 mins.

Q9. My school starts at 7:30 a.m. and closes at 2:00 p.m. How much time do I spend in school?

Q10. Convert 10:47 a.m. and 8:42 p.m. into 24-hour clock time.

Practice Sheet- 10

Q1. What will be time 3 hrs after 6:10 p.m.?

Q2. Subtract 9 Kg 450 g from 11 kg 664 g.

Q3. Convert 15 Kg 455 g into g.

Q4. Solve $\frac{1}{2} + \frac{2}{3}$

Q5. Solve $\frac{3}{8}$ of 4 dozen mangoes.

Q6. Reduce $\frac{12}{18}$ into lowest term.

Q7. Write an equivalent fraction of $\frac{6}{7}$ with numerator 18.

Q8. Express $5\frac{4}{9}$ into improper fraction.

Q9. Check divisibility of 1872 by 8 and 9.

Q10. Convert 25 mins 10 seconds into seconds.