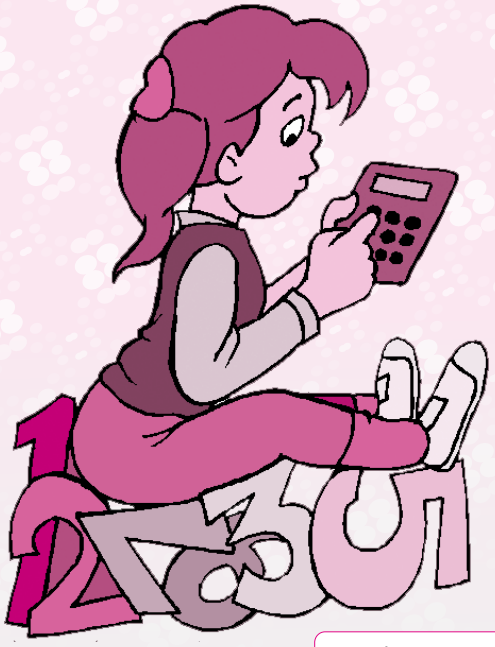
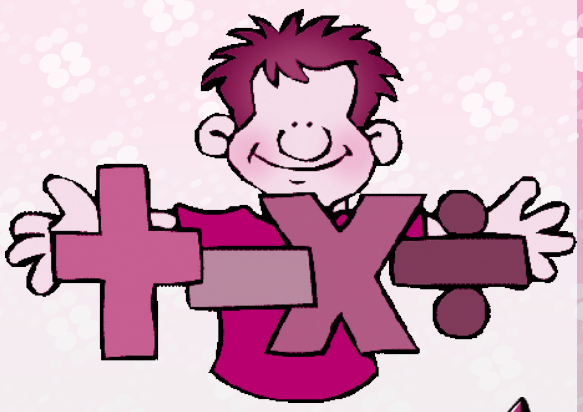
Maths Worksheet

4





This belongs to :

_____

_____

ASPIRE Education

Exercise-1

Date ..... Grade .....

Fill in the blanks.

1. The place value of 5 in 94531 is _____
2. The place value of 1 in 34157 is _____
3. The difference between the place values of two 8's in 84538 is _____
4. The sum of the place values of two 6's in 34665 is _____
5. The greatest number of 5 digits is _____
6. The least number of 5 digits is _____
7. The greatest number formed by the digits 2,5,9,0,8,6 is _____
8. The least number formed by the digits 1,3,7,2,8,9 is _____
9. Counting by 5's write the next five numerals.
   17402, _____ , _____ , _____ , _____ , _____ .
10. Count by 10's write the next five numbers.
    41240, _____ , _____ , _____ , _____ , _____ .

Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-2

Date ..... Grade .....

Find the sum.

92783 + 40640	103974 + 7369	79803 + 62439	97915 + 36428
65789 36420 + 89761	79564 32019 + 53678	97890 3685 + 4769	54837 63908 + 30816

Find the sum if.

85 + 18 = 103 , then 850 + 180 = _____

98 + 39 = 137 , then 9800 + 3900 = _____

66 + 77 = 143 , then 660 + 770 = _____

74 + 47 = 121 , then 7400 + 4700 = _____

54 + 36 = 90 , then 540 + 360 = _____

8200 + 4100 = 12300, then 820 + 410 = _____

4500 + 3700 = 8200 , then 450 + 370 = _____

Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-3

Date ..... Grade .....

Fill in the blanks using properties of multiplication.

1. $85 \times 324 = 324 \times$ _____
2. _____ $\times 56 = 87 \times 56$
3. $46 \times (37 \times 62) = (46 \times 37) \times$ _____
4. (_____ $\times 61) \times 85 = 56 \times (61 \times 85)$
5. $18 \times (65 + 36) = (18 \times 65) + 18 \times$ _____)
6. $184 \times (71 + 56) =$ (_____ $\times 71) +$ (_____ $\times 56)$
7. $75 \times (40 + 56) = (75 \times$ _____ $) + (75 \times 75)$
8. $215 \times (85 +$ _____ $) = (215 \times 85) + 215 \times 42$

Fill in the boxes.

$7 \times 109 = 7 \times (100 + 9) =$ [700] + [63] = [763]

(done for you)

Now fill in the boxes.

1. $7 \times 370 = 7 \times ($ [ ] + [ ] $) =$ [ ] + [ ] = [ ]
2. $5 \times 1025 =$ [ ] $\times (1000 +$ [ ] $) = 5000 +$ [ ] $= 5125$
3. $4 \times 125 = 4 \times ($ [ ] $+ 25) =$ [ ] $+ 100 =$ [ ]

Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-4

Date ..... Grade .....

Solve the problems.

1. Find the cost of 1 radio if the cost of 210 radio sets is Rs. 152670.
2. What is the number which when multiplied by 19 gives 14744?
3. The product of two numbers is 3036.If one of the numbers is 46. Find the other number.
4. The cost of 50 pens is Rs. 2550. Find the cost of 1 pen.
5. The donation collected for poor children by 103 students is Rs. 21115. Find the amount donated by each child.
6. A book has 625 pages. I read 25 pages everyday. In how many days can I finish the whole book?

Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-5

Date ..... Grade .....

Write true of false.

1. 1 is the least prime number. _____
2. 1 is the factor of every number. _____
3. 16 is a factor of zero. _____
4. Every number is a factor of 1. _____
5. Zero is a multiple of every number. _____
6. Each prime number has exactly 2 factors. _____
7. The product of two even numbers is even. _____
8. The product of an odd number and even number is always an even number. _____
9. The smallest number is 2. _____
10. Every number is a multiple of 1. _____
11. There is no largest prime number. _____
12. All odd numbers are prime numbers. _____
13. The smallest prime number is 2. _____
14. The factor of a number is greater than the number. _____
15. 2 is a number which is neither prime nor composite. _____

Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-6

Date ..... Grade .....

Tick the proper fraction in the following pairs.

(i) $\frac{117}{85}$, $\frac{17}{23}$ (ii) $\frac{100}{110}$, $\frac{11}{10}$ (iii) $\frac{3}{7}$, $\frac{27}{23}$

(iv) $\frac{125}{100}$, $\frac{85}{90}$ (v) $\frac{4}{15}$, $\frac{21}{15}$ (vi) $\frac{146}{73}$, $\frac{17}{27}$

(vii) $\frac{9}{20}$, $\frac{31}{20}$ (viii) $\frac{7}{40}$, $\frac{81}{15}$ (viii) $\frac{65}{70}$, $\frac{185}{120}$

Choose the unit fractions from the following.

$\frac{1}{4}$, $\frac{1}{13}$, $\frac{13}{21}$, $\frac{17}{25}$, $\frac{91}{27}$, $\frac{1}{8}$ = ____

Express each pair of fractions with the least common denominator.

(i) $\frac{1}{3}$, $\frac{1}{5}$ ____ (ii) $\frac{4}{7}$, $\frac{3}{8}$ ____

(iii) $\frac{2}{4}$, $\frac{5}{7}$ ____ (iv) $\frac{3}{8}$, $\frac{2}{9}$ ____

Rewrite the following with 1 as denominator and tell the type of these fractions.

40 = _____ , 135 = _____ , 304 = _____

Type of fraction = _____

Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-7

Date ..... Grade .....

Express the following as improper fractions.

$\frac{73}{6}$ = _____

$\frac{115}{10}$ = _____

$5\frac{3}{11}$ = _____

$\frac{65}{9}$ = _____

$13\frac{3}{5}$ = _____

$4\frac{3}{8}$ = _____

Express each of the following mixed numbers as improper fractions and write their reciprocals.

Mixed Number	Improper Fraction	Reciprocal
$17\frac{1}{2}$ =		
$8\frac{2}{3}$ =		
$7\frac{4}{3}$ =		

Write the reciprocal of the following fractions and then change into mixed numbers.

Fraction	Reciprocal	Mixed Number
$\frac{8}{15}$ =		
$\frac{5}{16}$ =		
$\frac{4}{7}$ =		

Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-8

Date ..... Grade .....

Solve the problems.

1. Ishika is $1\frac{7}{8}$ metres tall. Riya is $\frac{3}{4}$ m shorter than Ishika. Find the height of Riya.

2. A container had $30\frac{3}{4}$ kg sugar. $5\frac{3}{4}$ kg. sugar was taken out of it. What amount of sugar is left in the container?

3. There were $5\frac{1}{2}$ kg mangoes in a basket. $\frac{1}{5}$ kg. was added to it. What is the total weight of the mangoes in the basket?

4. Suhana bought two ribbons of lengths $\frac{1}{3}$ m and 1 $\frac{1}{2}$ m. Find the total length of the ribbons.

5. Rakesh read one book in $1\frac{1}{4}$ hrs, second book in $2\frac{3}{4}$ hrs. and third book in $\frac{1}{2}$ hrs. What is the total time taken by him in reading all the three books?

Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-9

Date ..... Grade .....

Write the number names for the following.

3 . 47 = _____

45 . 645 = _____

514 . 719 = _____

1 . 35 = _____

7 . 118 = _____

Write the decimal numeral for.

Nine hundredths = _____

Forty six hundredths = _____

Six thousand five hundred point seven eight = _____

Three tenths, eight hundredths = _____

Fifty nine point zero four = _____

Write as a fraction.

0 . 08 = _____

12 . 51 = _____

4 . 06 = _____

497 . 658 = _____

59 . 7 = _____

Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-10

Date ..... Grade .....

Write the following in ascending order.

0 . 09,	0 . 97,	. 305,	. 47,	
36 . 48,	27 . 40,	27 . 47,	36 . 167,	
0 . 052,	0 . 0534,	. 0544,	. 202,	. 2026,
3 . 93,	3. 80,	3 . 897,	3 . 83,	3 . 839,
33 . 96,	33 . 02,	33 . 16,	32 . 08,	22 . 09,

Write the following in descending order.

42 . 8,	49 . 9,	40 . 0,	40 . 09,	47 . 03,
239 . 49,	237 . 59	238 . 08,	238 . 89	
20 . 09,	10 . 89,	32 . 60,	0 . 90,	32 . 09
2. 96,	3 . 24,	3. 0,	3 . 02,	3 . 1,
0 . 009,	0 . 9,	0 . 06,	2 . 006,	0 . 36,

Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-11

Date ..... Grade .....

Write a.m or p.m with the following.

6 O' clock in the morning =

12.30 in the noon =

10.45 in the night =

3.50 in the afternoon =

6 O'clock in the evening =

Write the time which is =

6 hours after 12.30 a.m =

5 hours before 6.45 p.m =

3 hours after 10.30 p.m =

10 hours before midnight =

12 hours before 11.15 a.m =

Change to 12 hr. clock time using a.m or p.m.

0945 hrs. =

2135 hrs. =

1650 hrs. =

0040 hrs =

1715 hrs =

Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-12

Date ..... Grade .....

Fill in the blanks.

3 kg	=		g
$\frac{1}{2}$ kg	=		g
$\frac{1}{5}$ kg	=		g
2 kg 500 g	=		g
6000 ml	=		l
7 km 500 m	=		m
5 m 500 cm	=		cm
2 km 3000 m	=		m
8 l 555 ml	=		ml
30 m 65 cm	=		cm
500 cm	=		m
4 m 75 cm	=		cm
10,000 m	=		km
2 l 300ml	=		ml

Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-13

Date ..... Grade .....

Fill in the blanks.

600 m + ☐ m = 1 km

400 ml + ☐ ml = 1 l

4000 g + ☐ g = 10 kg

☐ g + 900 g = 1 kg

☐ cm + 50 cm = 1 m

3 kg + ☐ g = 5 kg

Fill in the blanks using '>' , '<' or '=' sign.

5000 m	☐	5 km
4 m 40 cm	☐	400 cm
4 km 500 m	☐	4800 m
600 m + 400 m	☐	1 km
30 l	☐	3000 ml
3 km 40000 m	☐	34 km

Performance:			
	Good	Best	Excellent

Teacher's Signature .....

Exercise-14

Date ..... Grade .....

1. Draw line segments of following lengths.

   5.6 cm

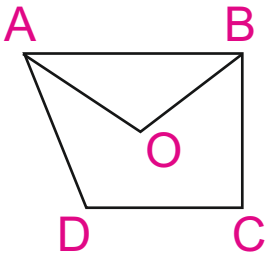
   7 cm 5 mm

   3 cm 6 mm

   5 cm

   6.9 cm

2. Name all the line segments in the figure.



(a) _____ (b) _____ (c) _____ (d) _____

(e) _____ (f) _____

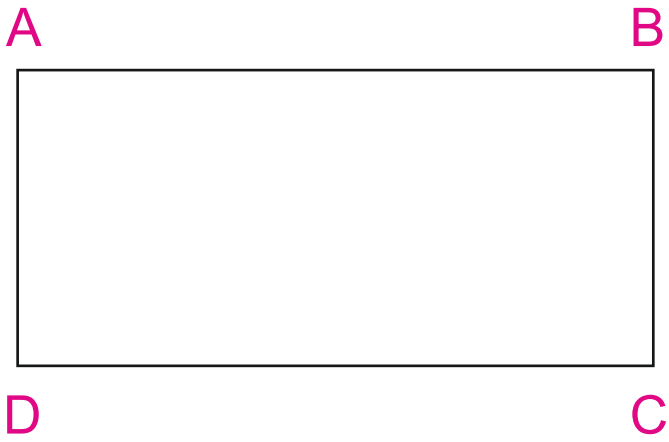
3. Measure the line segments and verify that all four sides are equal.

AB =

BC =

CD =

DA =



Performance:

Good	Best	Excellent

Teacher's Signature .....

Exercise-15

Date ..... Grade .....

Fill in the blanks.

1. A quadrilateral has _____ sides.
2. The perimeter of a rectangle is 2 (_____).
3. The side of an equilateral triangle is 3.5 cm. Its perimeter is _____ cm.
4. All the sides of a square are _____ .
5. All the angles of a rectangle are _____l.
6. The _____ sides of a rectangle are equal.
7. The perimeter of a square is 4 × _____ .
8. A quadrilateral is bounded by _____ line segments.
9. The side of a square is 2 cm. Its perimeter is _____ .
10. The perimeter of a square is 8 cm. Its side is _____ .

Performance:

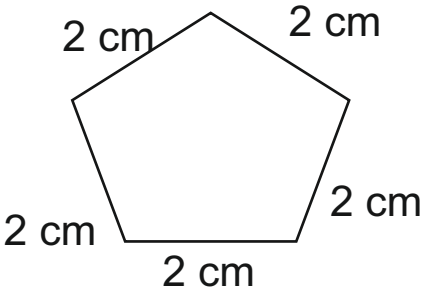
Good	Best	Excellent

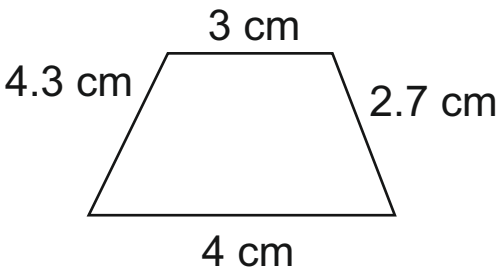
Teacher's Signature .....

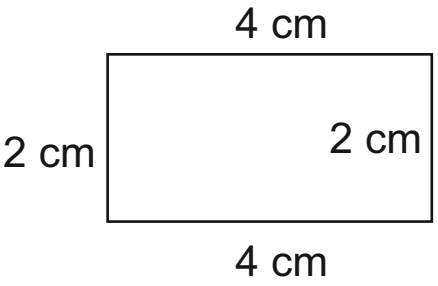
Exercise-16

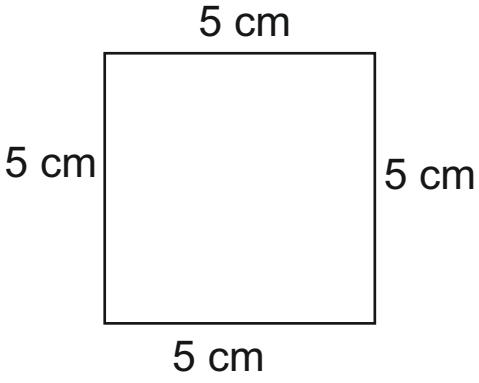
Date ..... Grade .....

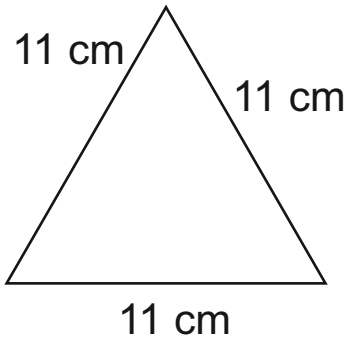
Find the perimeter of the following figures.

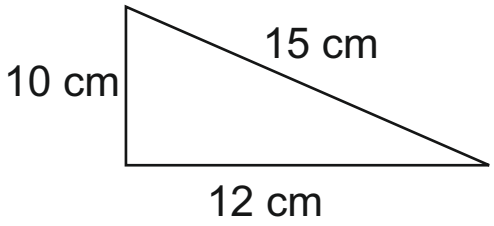












Performance:

Good	Best	Excellent

Teacher's Signature .....