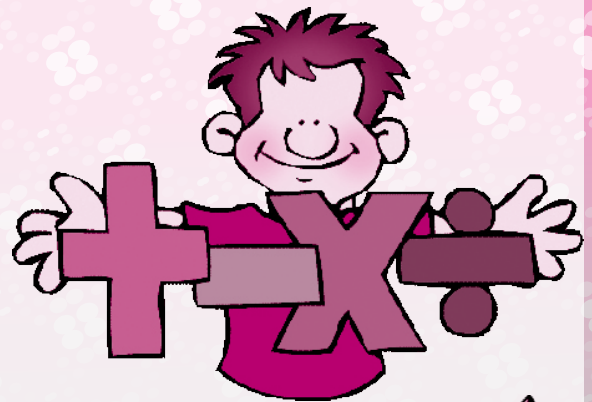
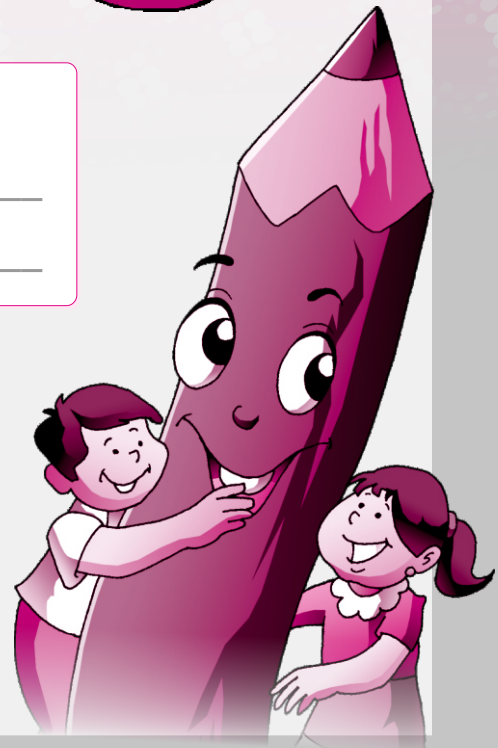


MATHS WORKSHEET

5



This belongs to :



Exercise-1

Date

Grade

Write in expanded form.

$$(a) \quad 35,426,403 = \underline{\hspace{1cm}} \times 10000000 + 5 \times \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \\ + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$(b) \quad 78,808,909 = 7 \times \underline{\hspace{1cm}} + 8 \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \\ + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$(c) \quad 58,76,19,266 = \underline{\hspace{1cm}} \text{ ten crores } \underline{\hspace{1cm}} + \text{crores} + \underline{\hspace{1cm}} \text{ ten lakhs} \\ + \underline{\hspace{1cm}} \text{ lakhs} + \underline{\hspace{1cm}} \text{ thousands} + \underline{\hspace{1cm}} \text{ hundreds} \\ + \underline{\hspace{1cm}} \text{ tens} + \underline{\hspace{1cm}} \text{ ones.}$$

$$(d) \quad 88,46,15,972 = 8 \text{ ten crores} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} \underline{\hspace{1cm}} + \\ + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

Write the standard numerals for.

$$1. \quad 30,00,00,000 + 5,00,00,000 + 70,00,000 + 5,00,000 + 2000 + 60 + 3 \\ =$$

$$2. \quad 40,00,000 + 7,00,00,000 + 50,00,000 + 30,000 + 1000 + 300 + 20 + 4 \\ =$$

$$3. \quad 4 \text{ crore} + 9 \text{ ten lakhs} + 7 \text{ tens thousands} + 3 \text{ thousands} + 5 \text{ hundreds} \\ + 6 \text{ tens} + 4 \text{ ones} \\ =$$

$$4. \quad 6 \times 10,00,00,000 + 5 \times 1,00,00,000 + 9 \times 10,00,000 + 3 \times 10,000 \\ + 2 \times 1000 + 1 \times 100 =$$

$$5. \quad 62 \text{ million} + 427 \text{ thousands} + \text{thirty nine} =$$

Performance:

	 	  
Good	Best	Excellent

Teacher's Signature

Exercise-2

Date

Grade

Add.

38350197

+ 6419038

5830754

23579189

+ 4205870

89111706

40230139

+ 23568910

Find the missing numeral.

6 _ 5 4 _ 3 8 4

+ _ 5 7 _ 6 _ 2 _

9 2 _ 8 5 9 _ 7

8 _ 5 _ 7 _ 4

+ 3 2 _ 7 _ 3 _

1 _ 7 3 7 8 5 9

6 3 _ 7

2 0 1 5

+ _ 9 8 6

_ 8 _ 2 _

Subtract.

760000

– 420856

86384712

– 38718615

685436

– 298654

Find the missing numeral.

8 _ 7 _ 8 _ 8 5

– 6 3 4 6 _ 4 5 6

_ 9 _ 1 9 3 _ _

7 _ 5 _ 7 _ 4 _

– 3 2 _ 7 _ 3 5 8

Performance:

		
Good	Best	Excellent

Teacher's Signature

Exercise-3

Date

Grade

Fill in the blanks.

1. $\frac{5}{8} \times \frac{6}{7} = \text{---} \times \frac{5}{8}$

2. $\frac{4}{5} \times \left(\frac{2}{7} \times \frac{6}{8} \right) = \left(\frac{4}{5} \times \frac{6}{8} \right) \times \text{---}$

3. $\text{---} \times \frac{11}{13} = \text{---} \times \frac{7}{9}$

4. $1\frac{5}{9} \times \text{---} = 1\frac{5}{9}$

5. The multiplicative inverse of $\frac{9}{11}$ is --- .

6. --- is the multiplicative inverse of 18.

7. $5\frac{1}{3} \times \frac{3}{16} = \text{---}$

8. The multiplicative inverse of $5\frac{1}{7}$ is --- .

9. $2\frac{7}{15} \times \text{---} = 0$

10. $\left(\frac{4}{7} \times \frac{2}{9} \right) \times 1 = \left(\text{---} \times \frac{4}{7} \right) \times \frac{2}{9}$

11. $\frac{4}{3} \times 1\frac{2}{5} \times 0 \times \frac{7}{10} \times \frac{144}{115} = \text{---}$

12. $\left(\frac{1}{2} \times \frac{3}{4} \right) \times \frac{5}{6} = \left(\frac{5}{6} \times \text{---} \right) \times \frac{1}{2}$

Performance:

	 	  
Good	Best	Excellent

Teacher's Signature

Exercise-4

Date

Grade

If $6.9 \times 3.2 = 22.08$ then find.

1. $.69 \times 3.2 =$ _____

2. $69 \times .32 =$ _____

3. $6.9 \times 32 =$ _____

4. $.69 \times 32 =$ _____

5. $.69 \times .32 =$ _____

6. $6.9 \times 0.32 =$ _____



Fill in the blanks.

1. The product of 49.4 and 726 will have _____ decimal digits.
2. When a decimal is multiplied by 100, the decimal point shifts. _____ places to the _____.
3. When a decimal is multiplied by a whole number, the product has as many decimal digits as the _____.
4. The product of a decimal and _____ is the decimal itself.



Performance:

Good	Best	Excellent

Teacher's Signature

Exercise-5

Date

Grade

Convert the following into decimals.

1. $\frac{3}{5}$

2. $5\frac{3}{20}$

3. $7\frac{2}{8}$

4. $1\frac{9}{10}$

5. $17\frac{1}{5}$

6. $\frac{6}{20}$

7. $\frac{23}{4}$

8. $10\frac{1}{10}$

9. $2\frac{3}{5}$

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

Simplify the following.

1. $29 - 24) 8 \times 4 +$ 5 _____
=

2. $14 - 8) 4 + 0 . 5 \times 3$ _____
=

3. $31 - 4 + 6) 3 \times 5$ _____
=

4. $9.75) 5 \times 3 - 3 . 45$ _____
=



Performance:

★ Good	★★ Best	★★★ Excellent

Teacher's Signature

Exercise-6

Date

Grade

Write true or false.

1. Diameter is the longest chord of the circle. ☐
2. The center of a circle always lie on the circle. ☐
3. Chord is a line segment joining any two points of the circle. ☐
4. Radii of the same circle have different length. ☐
5. There are two semi-circles of a circle. ☐

Fill in the blanks.

1. Half a circle is called a _____
2. Distance around the circle is known as _____ .
3. If the radius of circle is 4 cm then its diameter _____ .
4. _____ is the longest chord.
5. The distance between the centre and a point on the circle is called _____



Performance:

 Good	 Best	 Excellent

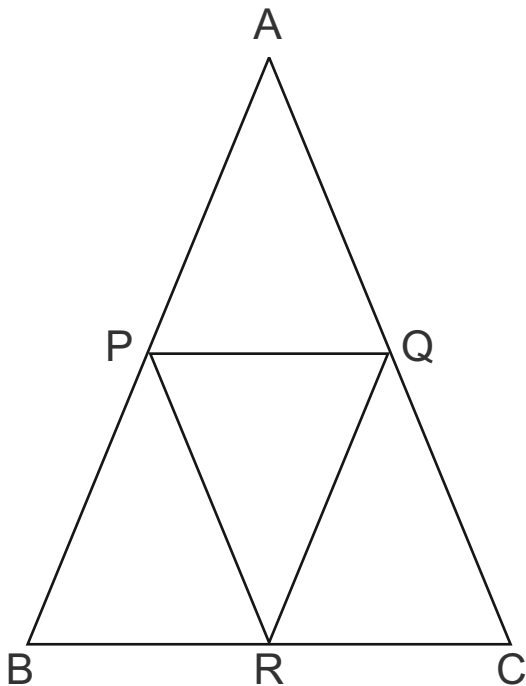
Teacher's Signature

Exercise-7

Date

Grade

Name all the triangles shown in this figure.



_____ , _____ , _____

_____ , _____

Answer the following.

1. What kind of a triangle is $\triangle PQR$ if $PQ = 4\text{cm}$, $QR = 5\text{cm}$ and $\angle Q = 90^\circ$? _____
2. If $\angle A = 120^\circ$, $\angle B = 30^\circ$, then what is the measure of $\angle C$? _____
3. If $\angle X = \angle Y = \angle Z$ then what is the measure of each angle? _____
4. Can a triangle have two right angles? _____
5. Can a triangle have one obtuse and one right angle? _____
6. Can a triangle have two obtuse angles? _____

Performance:

		
Good	Best	Excellent

Teacher's Signature

Exercise-8

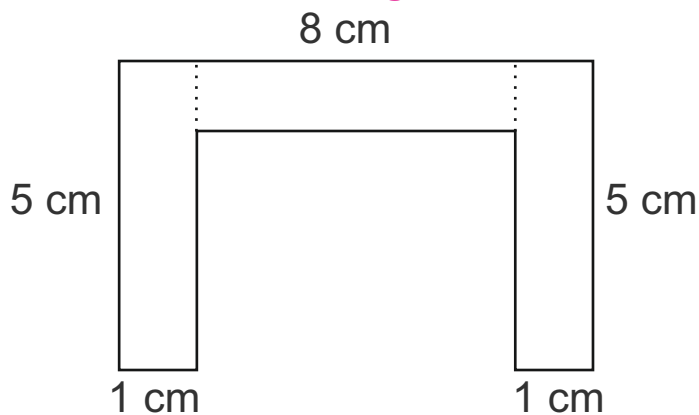
Date

Grade

Complete the following table.

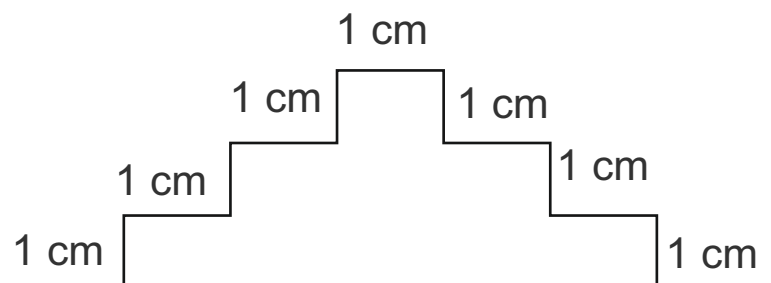
S.No.	Figure	Length	Breadth	Area (cm ² /m ²)
(a)	Square	6 cm	6 cm	_____
(b)	Rectangle	5 cm	7 cm	_____
(c)	Rectangle	16 cm	_____	80 m ²
(d)	Square	$\frac{1}{4}$ m	25 cm	_____
(e)	Rectangle	_____	12 cm	156 cm ²
(f)	Square	24 m	_____	_____

Find the area looking at the following figures.



Area = _____

Area = _____



Performance:

Good	Best	Excellent

Teacher's Signature

Exercise-9

Date

Grade

Complete the sentences.

1. To find the total, we multiply the average by the number of _____ .
2. If the average is a and the number of addends is 18, the total is _____ .
3. The average of 12 and 8 is _____ .
4. The average of first ten counting numbers is _____ .
5. To find the average of 3,7,14,16,20, we divide 70 by _____ .
6. The average of 80,40,60, is _____ .
7. To find the average of 10,12, 13, 17, we divide _____ by 4.
8. The average of first five multiples of 10 is _____ .
9. The average score of a cricketer who played in 6 matches is 42. His total score is _____ .
10. To find the average of 20,40,60 and 80, we divide _____ by _____ .

Performance:

 Good	  Best	   Excellent

Teacher's Signature

Exercise-10

Date

Grade

Fill in the blanks.

1. Selling price is written as _____ .
2. Cost price is written as _____ .
3. $C.D = S.P -$ _____ .
4. $S.P = C.P +$ _____ .
5. $C.P =$ _____ + Loss
6. $S.P = C.P -$ _____ .
7. When the selling price of an article is more than its cost price, the seller makes _____ .
8. When the selling price of an article is less than its cost price, then seller makes _____ .
9. The gain or loss percentage is always calculated on _____ .
10. Loss percentage = $\frac{\text{.....}}{\text{Cost price}} \times 100$
11. $C.P = \text{Rs. } 1050$, overhead expenses = Rs. 75, Loss = Rs. 250,
 $S.P =$ _____ .
12. $C.P = \text{Rs. } 815$, overhead expenses = Rs. 15. Gain = Rs. 100,
 $S.P =$ _____ .

Performance:

		
Good	Best	Excellent

Teacher's Signature

Exercise-11

Date

Grade

Complete the missing entries wherever possible.

S. No.	Cost Price Rs.	Selling Price Rs.	Profit Rs.	Profit %	Loss %	Loss %
1.	14,000	10,000				
2.		6735	244			
3.	600	1500				
4.		290			14	
5.	208				9	
6.	140		20			
7.	80	60				
8.	25	35				
9.		5500	800			
10.		840			105	



Performance:

 Good	 Best	 Excellent

Teacher's Signature

Exercise-12

Date

Grade

Find in the percent.

1. 36 paise of a rupee. _____
2. 78 paise of Rs. 2. _____
3. 96 cm of a metre. _____
4. 128 m of a km _____
5. 360 g of a kg _____
6. 920 g of a kg _____
7. 400 g of 2 kgs _____
8. 460 ml of 2 litres _____
9. 1000 ml of 2 litres _____
10. 85 cm of metres _____
11. 90 paise of a rupee. _____
12. 75 paise of Rs. 5 _____
13. 750 m of 2 kms. _____
14. 12 m of a metre. _____
15. 46 m of 2 metres _____



Performance:

		
Good	Best	Excellent

Teacher's Signature

Exercise-13

Date

Grade

Which is more?

1. 40 % of 400 or 60 % of 600 _____
2. 20 % 300 or 30 % of 200 _____
3. 5 % of 1000 or 10 % 750 _____

Answer the following.

1. What percent of 600 is 30? _____
2. 30% of what number is 900 ? _____
3. What percent of 800 gms is 4 kgs? _____
4. $6\frac{1}{3}$ % of what length is 126 km? _____
5. In a set of numbers 1,2,3,4,5,6,7,8,9,10,11,12
 - (a) What percent of numbers are odd numbers?
 - (b) What percent of numbers are less than 10 ?
 - (a) _____
 - (b) _____
6. What percent is 50 of 200? _____

Performance:

 Good	  Best	   Excellent

Teacher's Signature

Exercise-14

Date

Grade

Calculate the amount on the following.

1. Rs. 1725 at 12 % p.a for 12 months = _____
2. Rs 3200 at 11% p.a. for 4 years = _____
3. Rs. 13800 at 10 % p.a. for $1\frac{1}{2}$ years = _____
4. Rs. 720 at $3\frac{1}{4}$ % p.a. for 3 years = _____
5. Rs. 25000 at $9\frac{1}{2}$ % p.a. for 5 years = _____
6. Rs. 8200 at 8 % p.a. for $2\frac{1}{2}$ years = _____
7. Rs. 7280 at 10 % p.a. for $5\frac{1}{2}$ years = _____
8. Rs. 7200 at $14\frac{1}{2}$ p.a. for 3 years 8 months = _____
9. Rs. 5000 at 12 % p.a. for 2 years 11 months = _____
10. Rs. 3000 at 8 % p.a. for $2\frac{1}{2}$ years = _____

Performance:

 Good	 Best	 Excellent

Teacher's Signature

Exercise-15

Date

Grade

Look at the bill and find out the mistakes in it.

Big Bazaar			
Item	Qty	Price (Rs.)	Cost (Rs.)
Sugar	10 kg	40.00	300.00
Rice	15 kg	58.00	870.00
Tea	1 kg	340.00	340.00
Salt	2 kg	12.00	20.00
Total			1634.00

Signature

Prepare a bill and find the total cost.

5 mts cotton cloth at Rs. 38.00 per metre.

2.50 mts linen at Rs. 644.00 per metre.

3 mts nylon at Rs. 110 .00 per metre.

1.75 mts silk at Rs. 423. 00 per metre.

3.20 mts terylene at Rs. 75.00 per metre.

Performance:

		
Good	Best	Excellent

Teacher's Signature

Exercise-16

Date

Grade

Read the following Bus Time-Table and answer the questions that follow.

Route	Departure time from Delhi	Distance in km	Fare in Rs.
Delhi–Amritsar	1640, 2245	470	132.50
Delhi–Chandigarh	1106, 1415, 1730	260	70.00
Delhi–Jammu	0640, 0855, 1145	620	164.00
Delhi–Ludhiyana	1350	412	100.00

1. Give the title of the time–table.
2. What time does the bus leave for Jammu?
3. What time does the last bus for Ludhiyana leave?
4. What time does the second bus leave for Amritsar?



Performance:

Good	Best	Excellent

Teacher's Signature