

Term-1 Practice papers (ch- 1,2,3,4,10,12,14)

Std-7 Maths Paper -1

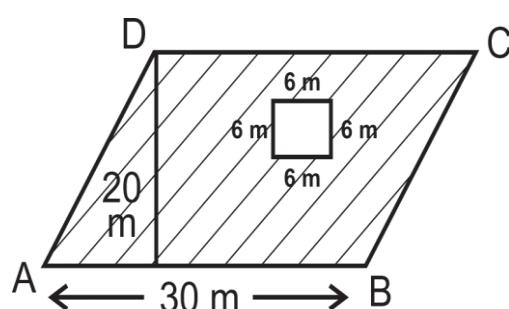
• Solve the following.

1. Subtract the sum of -12 and -8 from + 60

2. Write the base and exponent of number : $\frac{(-1)}{108 \times 196}$

3. $\frac{8}{5}x + \frac{11}{7}y + \frac{9}{4}xy, -\frac{3}{2}x - \frac{5}{3}y - \frac{9}{5}xy$ Add it.

4. Find the area of a shaded region



5. Add the following : $63 + 24.86 + 3.2$

Maths Paper -2

• Solve the following.

1. Subtract the sum of -12 + 6 from - 24.

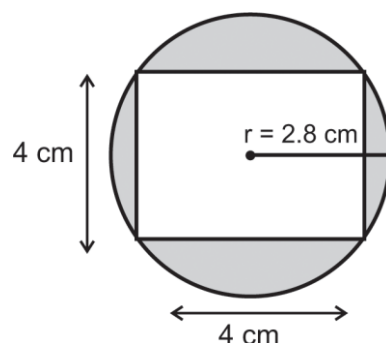
2. Subtract 0.68 from 1.007

3. A) $8^0 + (-8)^0$, B) $(8^0 - 3^0) (8^0 + 3^0)$

4. Subtract : $-x^3 + 3x^2y + 2z^3$ from $7x^3 - 4x^2y - 5z^3$

5. Shanta borrowed ` 6000 from the State Bank of India for 2 years 9 months at 12% per annum. What amount will clear off her debt?

6. Find the area of shaded region



7. Interest = $\frac{5}{6}$ of the principal and time = $6\frac{1}{4}$ years. Find the rate.

Maths paper -3

1) Subtract -80 from the sum of -44 + 22

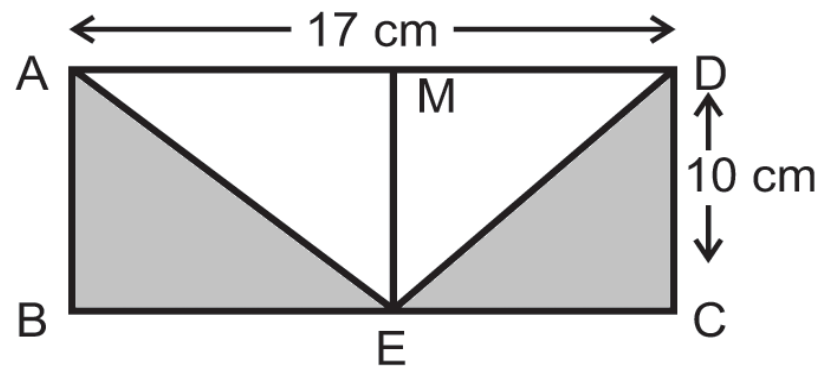
2) 0.0137×0.009

3) $\frac{(8^{-5} \times 8^4) \div (2^{-3} \times 2)}{8^0 + 2^0 - 7^0}$

4) Subtract the sum of $(8a - 6a^2 + 9)$ and $(-10a - 8 + 8a^2)$ from - 3

5) Principal = ` 10,000 , rate = 10.5% and time = 4 months 26 days

6) Find the area of shaded region



7) Simplify and evaluate : $\left[\left(\frac{27}{8} \right)^3 \div \left(\frac{9^2}{2^3} \right)^2 \right] \times \frac{8}{3}$

Maths paper -4

1. Subtract -120 from the sum of (-20) + 18

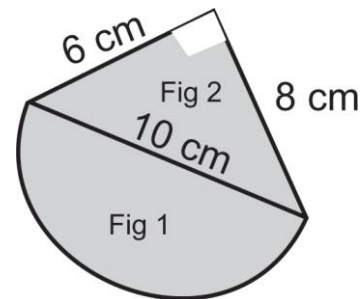
2. **Subtract** (2a – 3b + 4c) from the sum of (a + 3b- 4c) , (4a – b + 9c) and (-2b + 3c – a)

3. Simplify and evaluate : $\left(\frac{25}{16} \right)^{\frac{1}{4}} \times \left(\frac{27}{8} \right)^{\frac{1}{6}} \times \left(\frac{2}{15} \right)^{\frac{1}{2}}$

4. Multiply $-\frac{2}{3} a^2b$ by $-\frac{6}{5} a^3 b^2$ and verify your result for a= 2 and b=3.

5. Find the principal when rate of interest is 11% time is 5 month 15 days and interest is ` 2484.

6. Find the area of shaded region



7. **Simplify and express each as a rational number** $\left[\frac{(3bc^5) \times (3a^2c)(a^2)}{9b} \right]^2$

Maths Paper -5

1) $(-6) \times (-2) + (-6) \times (-3)$

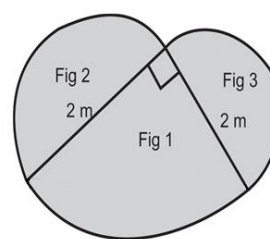
2) $0.0204 \div 0.017$

3) $8 \times 2^{n+2} = 32$

4) $(2x + 3y - 5)(x + y)$

5) Rate of simple interest = $6\frac{1}{4}$ % p.a. and interest = 0.1875 times the principal. Find time.

6) Find the area of shaded region



7) **Find each of the following products** $(2x + 5y)(3x + 4y) - (7x + 3y)(2x + y)$

Maths Paper -6

1. $(-3) \times (-4) \times (-4)$

2. $0.5 \div 1.1$

3. $\frac{5^2}{16^{-1}} \times \frac{2^{-3}}{3^4} \div \frac{5^3}{3^3}$

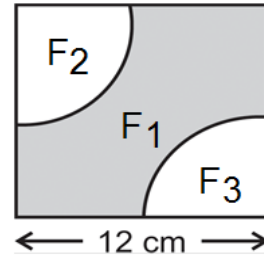
4. $(9x - 7)(2x - 5) - (3x - 8)(5x - 3)$

5. Divide ₹ 3,000 into two parts such that the simple interest on the first part for 4 years at 8% per annum is equal to the simple interest on the second part for 2 years at 9% per annum.

[Here P = ₹ 3,000 which is divided into two parts First part ₹ x

∴ second part = ₹ $(3,000 - x)$]

6. Find the area of shaded region



7. Find each of the following products $(x^4 + \frac{1}{x^4})(x + \frac{1}{x})$

Std-7th Maths Papers (Unseen) term1 Paper -1

1. Subtract the sum of $-13 + 9$ from 62

2. Add: $2.7632 + 0.099 + 1.0350$

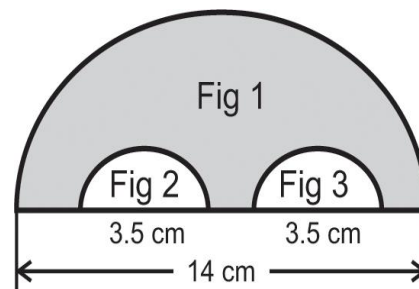
3. Simplify : $4 + (-4) + 2 - 2$

4. Add : $x - 2z - y, 3x + 2z + 4y, 7x + 3z - 5y$

5. Find the product : $\left(\frac{2x^2y}{21}\right) \times \left(\frac{7}{4}xy^2\right)$

6. Principal 1200RS. , rate 15%, time 1 year 3 months calculate interest and amount.

7. Find the area of shaded region.



Maths Papers (Unseen) term1 Paper -2

1) A) $8 \times (-12) + 8 \times 3$, (B) divide -135 by -9

2) Subtract 7.3035 from 9

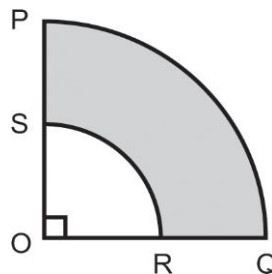
3) Simplify : $\left(\frac{(3^2)^2 \cdot (y^3)^2}{(9x^5)(x^3)^2}\right)$

4) Subtract $(2p - 4q + 3c)$ from the sum of $(3p - 5q - 4c)$ and $(6p + 6q + 6z)$.

5) At what rate percent per annum will rs 550 amount to rs. 650 in 2 years.

6) Find area of shaded region.

In fig $OP = 21$ m and $OR = 14$ m



7) Divide ₹ 3,600 into two parts such that if one part be lent at 9% per annum and the

other at 10% per annum, the total annual income is ₹ 333?

[Here P = ` 3,600 which is divided into two parts First part = ` x

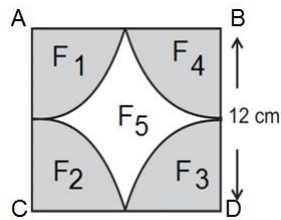
∴ second part = ` (3,600 – x)]

Maths Papers (Unseen) term1 Paper -3

1) A sum of money invested at 8% per annum amounts to ` 12,122 in 2 years.

What will it amount to in 2 years 8 months at 9% per annum?

2) Find area of shaded region.



3) Aman borrows Rs. 50,000 at 5% p.a. after how long will he have to pay Rs. 12,500 as simple interest.

4) Find the product $(2x^2 - 5y^2)(x^2 + 3y^2)$

5) Simplify :- $(3^{-1} \div 6^{-1})^2 \times \left(\frac{-6}{9}\right)^{-1}$

6) Find division till you get remainder o(zero). A) $16.224 \div 0.02$ b) $4 \div 20$

7) Check $(-54) - (-67)$ and $(-67) - 54$ are equal?

Maths Papers (Unseen) term1 Paper -4

1) Divide: - a) $[(-7 + 14)] \div [(-3 + (-4))]$ b) $[(16 + 62 - 18)] \div [(60 \div (-4))]$

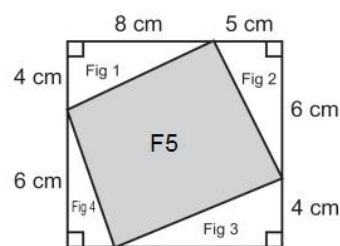
2) Find the product of :- a) 7.8×1.3 b) 22.13×0.75

3) Simplify and evaluate :- $3 \sqrt{64} \times 125 \frac{1}{3} \div 16 \frac{1}{4}$

4) Find the product $m(m^2 - nm)$ & find value for $m=2, n=3$.

5) Ramesh borrowed Rs.15000 from money lender at 15% simple interest. After 3 years he paid Rs.8500 and a cow to clear off the debt. What is the cost of cow.

6) Find the area of shaded region.

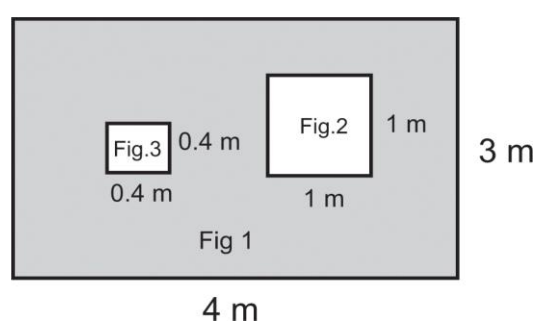


7) A sum of money becomes $\frac{8}{5}$ of itself in 5 years at a certain rate of simple interest.

Find the rate of interest.

Maths Papers (Unseen) term1 Paper – 5

1. Find the area of shaded region.



2. A sum of money lent at simple interest amounts to 6000 in 3 years and to 7500 in 5 years find the sum.
3. Simplify the following. A) $m(n-p) + n(m-p) + p(n-m)$ b) $x^3y(x^2 - y) + x^2y^2(y^2 + x)$
4. Find the value of x. $8^{2x+1} \div 64 = 8^3$
5. Find decimal upto 2 places : $3487 \div 1.4$
6. Solve using associative property: $(-8) \times (-6) \times (-5)$
7. Solve using distributive property : $(-7) \times (-4) + (-7) \times 3$