

SELAQUI INTERNATIONAL SCHOOL
HOLIDAY HOMEWORK
WINTER VACATION 2018-19
(CLASS VII)

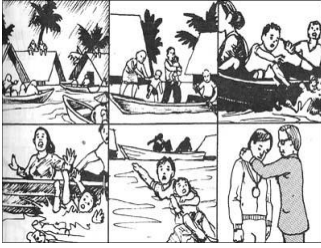
ENGLISH

Draft a script for a one act play.

- The script must be in the English language.
- The script must be an adaptation of a story/play/book.
- The play must include at least two scenes.
- The content must have humor and appealing creativity.
- The play may not be a (1) a musical (2) stories telling (3) choral speaking.
- Dialogues should not be vulgar and offensive.
- **The play should be of 6-8 minutes.**

HINDI

1. नीचे दी गई तस्वीर (picture) के आधार पर एक कहानी लिखिए :-



2. निम्नलिखित शब्दों की वर्तनी (Spelling) शुद्ध करके लिखें :-
वधु, परिक्षा, कवी, दिवार, पुज्य, पत्नि, आधीन, नोकर, सुर्य, संसारिक
नोकरी, उज्वल, चिन्ह, सटेशन, कवियित्री, पड़ाई, लराई, विधालय, बूडा
सडक, भूक, गरम, भासा, रमेस, हरष, आर्शीवाद, हिंदुस्थान, धोका |
3. आपके जीवन से संबंधित किसी भी वस्तु की जीवन कहानी/आत्मकथा लिखिए |
4. निम्नलिखित वाक्यों को शुद्ध कीजिए :-
- i. मुझको आज विद्यालय जाना है |
 - ii. अनेकों लोग गंगा स्नान के लिए एकत्रित हो गए |
 - iii. वह मंगलवार मुंबई जा रहा है |
 - iv. मुझे एक गरम कप चाय दो |
 - v. राहुल को मात्र केवल दो वोट मिले |
 - vi. श्याम कल तक ज़रूर वापस लौट आएगा |
 - vii. पढ़ता रहा वह दिनभर |
 - viii. सब भिखारी से मज़ाक बना रहे थे |
 - ix. बच्चा छत में गिर पड़ा |
 - x. कक्षा में बच्चे पढ़ नहीं रहा है |
5. दस सुलेख लिखें (8 से 10 वाक्य प्रत्येक में)
6. पुस्तक समीक्षा (BOOK REVIEW) : कोई भी पुस्तक पढ़कर 8 से 10 वाक्यों में उसकी समीक्षा कीजिए |
7. वाक्य निर्माण : कोई भी 10 वाक्य |

FRENCH

Write the conjugation of the following verbs:

- 1) Aller
- 2) Venir
- 3) Prendre
- 4) Mettre
- 5) Pouvoir
- 6) Parler
- 7) Sortir
- 8) Ecouter
- 9) Répondre
- 10) Ecrire

Click on the URL below to go the website and select the exercise mentioned.

<http://www.laits.utexas.edu/tex/gr/>

SELECT EXERCISES

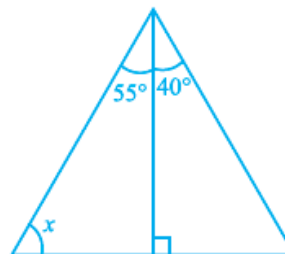
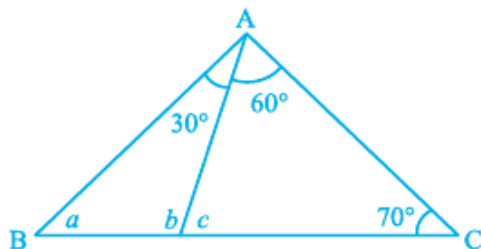
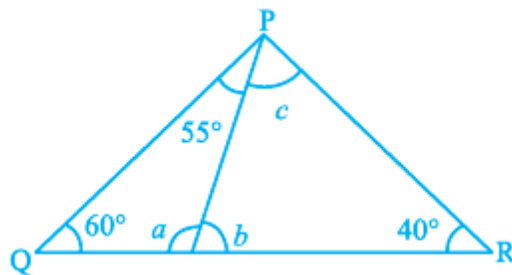
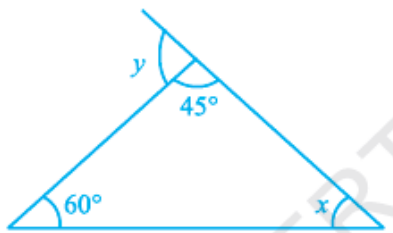
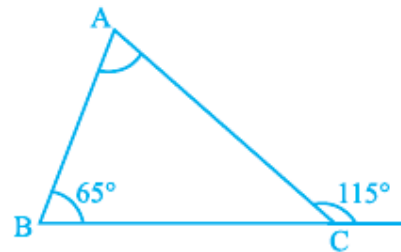
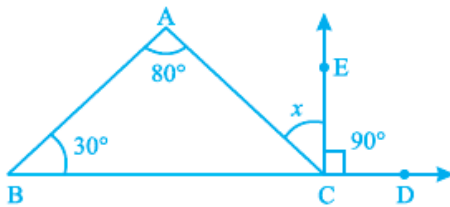
TENSE/ASPECT/MOOD/VOICE

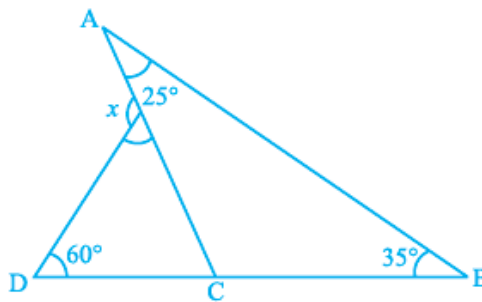
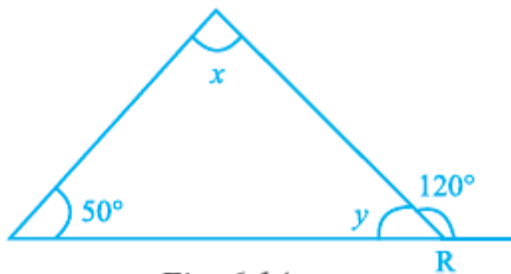
1. passé immédiat (venir de+infinitive)
2. passé composé with avoir
3. passé composé with être

Click on each of the above and take a print out of the page after completing the exercises in a word document.

MATHEMATICS

1. Find the missing angles:





2. Solve the following equations:

$$\frac{3x - 8}{2x} = 1$$

$$\frac{5x}{2x - 1} = 2$$

$$\frac{2x - 3}{4x + 5} = \frac{1}{3}$$

$$\frac{8}{x} = \frac{5}{x - 1}$$

$$\frac{5(1 - x) + 3(1 + x)}{1 - 2x} = 8$$

$$\frac{0.2x + 5}{3.5x - 3} = \frac{2}{5}$$

$$\frac{y - (4 - 3y)}{2y - (3 + 4y)} = \frac{1}{5}$$

$$\frac{x}{5} = \frac{x - 1}{6}$$

3. Evaluate:

a) $4\frac{1}{3} - 6\frac{2}{3}$

b) $6\frac{1}{7} - 5\frac{2}{21}$

c) $\frac{4}{5} + \frac{3}{4} - \frac{1}{2}$

d) $4\frac{2}{3} - 3\frac{1}{4}$

4. Evaluate:

a) $\frac{2}{3} \times \frac{4}{5}$

b) $\frac{7}{5} \times \frac{-6}{5}$

c) $\frac{3}{4} \times \frac{-4}{-5}$

d) $\frac{9}{8} \times \frac{4}{27}$

e) $\frac{-7}{-5} \times \frac{-4}{5}$

f) $\frac{3}{7} \times \frac{14}{15}$

5. List five rational numbers between $\frac{3}{7}$ and $\frac{4}{5}$.

6. List five rational numbers between $\frac{-2}{5}$ and $\frac{3}{5}$.

7. List five rational numbers between $\frac{6}{7}$ and $\frac{2}{3}$.

8. List five rational numbers between $\frac{-3}{5}$ and $\frac{-1}{2}$.

9. List five rational numbers between $\frac{7}{5}$ and $\frac{3}{2}$.

10. List five rational numbers between $\frac{-7}{8}$ and $\frac{-5}{6}$.

11. Find:

a) $\frac{4}{15} + \frac{3}{5}$

b) $\frac{-4}{15} + \frac{3}{6}$

c) $\frac{3}{10} + \frac{3}{5}$

d) $\frac{-8}{15} + \frac{-9}{5}$

e) $\frac{5}{12} + \frac{7}{8}$

f) $\frac{3}{16} + \frac{3}{24}$

g) $\frac{-4}{-5} + \frac{-5}{12}$

h) $\frac{-4}{15} + \frac{3}{12}$

i) $\frac{-11}{12} + \frac{4}{9}$

12. If three angles of a quadrilateral are 95° , 100° and 85° . Find the fourth angle?

13. Find all the angles of a regular pentagon?

14. If one angle of a parallelogram is 65° , find the other three angles.

15. The angles of a quadrilateral are in the ratio 1:3:4:7. Find all the angles.

16. The angles of a triangle are $2x$, $2x+20$ and $x - 30$. Find all the angles of a triangle.

17. The angles of a quadrilateral are $3x$, $x + 35$, $3x - 20$ and $2x - 60$. Find all the angles.

18. Multiply :

a) $(3x + 8)(x - 6)$

b) $(x+y+z)(x+3)$

c) $(4x + 5y - 3z)(4x + 5y)$

d) $(a+b+c)(a+b+c)$

19. Find the value of $x^4+3x^2 - 6x - 7$ for $x = 3$.

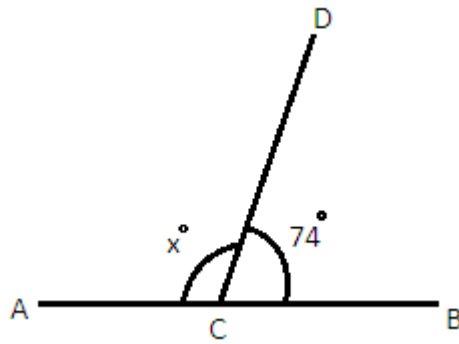
20. Find the value of $x^3+3x - 18$ for $x = 2$.

21. Cotton thread is wound on a reel which has a diameter of 2.8 cm. There are 1200 turns of the thread on the reel. What is the total length in metres of the thread on the reel?

22. How many times will the wheel of a car rotate in a journey of 88 km, given that the diameter of the wheel is 56 cm?

23. Find the complement of 78° .

24. Find the value of x if AB is a straight line:



25. The deep freezer of a sweet shop should be set at -12°C . It is set at -18°C by mistake. What is the difference between these temperature settings?

26. Calculate $2\frac{1}{3} + 1\frac{1}{2}$

27. Convert:

i) 93 dag to g

ii) 28.35hL to L

28. Find the mean of first 6 prime numbers.

29. Find the median for the following data:

34,23,32,11,56,46,28,37,13

30. Evaluate: $\left(\frac{1}{3}\right)^{-2} + \left(\frac{1}{7}\right)^{-2}$

31. Write in scientific notation:

9,460,000,000,000,000

32. Express as a rational number: $\left(\frac{-2}{3}\right)^4$

33. Evaluate: $\frac{-6}{13} - 5 - \frac{1}{-26}$

34. Divide 0.0000684 by 0.04

35. Multiply 7.89 by 6.78

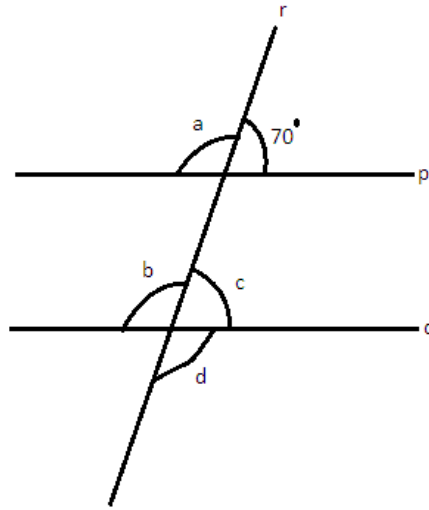
36. The cost of $5\frac{1}{3}$ metres of cloth is Rs. $85\frac{1}{3}$. Find the cost of cloth per metre.

37. Find the value of $8792 \times 997 - 792 \times 997$

38. Find the value of: $(-10 - 10) \div \{-10 - (-10 - 10)\}$

39. Find the value of $-12 + 16 - 42 \div 3 \times 7$

40. Find the value of a , b , c and d where p and q are the two parallel lines and r is the transversal:



41. Find the value of x in each case:

- a) $2^x = 64$
- b) $x^3 = 125$

OR

Express in power notation:

- a) 216 b) 256

42. What should be added to $\left(\frac{1}{2} + \frac{1}{3} + \frac{1}{5}\right)$ to get 4?

43. Evaluate: $\frac{3}{7} - \frac{1}{3} \div \frac{2}{9} + \frac{5}{6}$

44. Evaluate the following expressions for n= 5:

- i) $n + 12$
- ii) $3n - 10$
- iii) $2n^3 + 11$
- iv) $90 - 4n^2$

45. List 5 rational numbers between $\frac{-4}{5}$ and $\frac{-2}{3}$

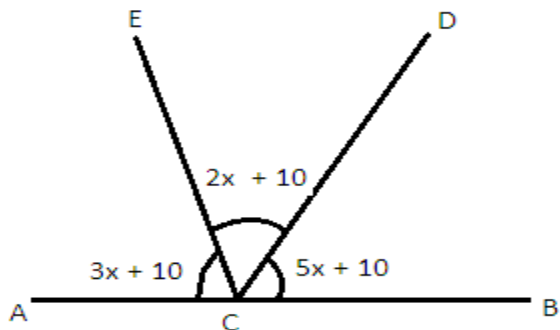
46. Multiply:

- a) $6p^3q^{10}r^3$ by $5p^2q^5r^3$
- b) $\frac{3}{5}x^5y^4$ and $\frac{7}{5}x^3y^3$

47. Evaluate:

- i) $-560 + 720 - 456$
- ii) $-1000 + 768 - 124$

48. Find the value of x if AB is a straight line.



49. Find the sum of

a) $6x^2 + 7x + 16$, $3x^2 - 7x + 10$ and $8x^2 + 11x - 13$.

b) $3a - 8c + 5b$, $7a + 11$ and $13b - 14c$

50. Find the mean of the following frequency distributions:

X	13	15	17	19	21	23
F	8	2	3	4	5	6

51. Evaluate:

a) $(29^0 - 23^0) \times 16^0$

b) $\frac{5^{11}}{5^9}$

c) $\left(\frac{5}{6}\right)^6 \div \left(\frac{5}{6}\right)^8$

d) $(2^2)^3$

52. Simplify: $\frac{12^4 \times 9^3 \times 4}{6^3 \times 8^2 \times 27}$

53. The marks obtained by a student in different subjects are:

Subject	English	Maths	Science	Hindi	Social Science
Marks	70	95	80	60	75

Draw bar graph to represent the above information.

SCIENCE

Instructions:

- The homework is to be done in a separate notebook.
- Mark your name, class, subject, section on the very first page.
- Cover the notebook as well.

CURD FORMATION

To study the conditions necessary for the growth of curd bacteria.

Under the guidance of an elder at home, make arrangements for the formation of curd.

- Write your experience in the form of a paragraph.
- Write the name of bacteria involved in formation of curd.
- How does this bacteria help in the formation of curd? What is its role in curd formation?
- What type of respiration takes place in this bacterium: aerobic or anaerobic? Comment.
- Is the formation of curd from milk, a physical change or a chemical change? Explain the properties that change during curd formation.
- Is milk bad for you? What do you think? Comment.
- Write any three uses of eating curd.
- What are bacteria? Explain. Draw diagrams if necessary.
- Some bacteria have useful properties like the curd bacteria. Are there any harmful bacteria too? Find out about them.

SOCIAL STUDIES

- ✓ Understand the engineering and construction skills and styles used to build Artisanal organization and resources required for building works.
- ✓ In reference with the above statement draw the common features of temple architecture of Dravida style **(Page 58- landmarks)**.
- ✓ Write an article on importance of conserving our architectural heritage for future generation. You can pictures and illustrations to make your article more interesting.
- ✓ **RELIGIOUS IDEAS AND MOVEMENTS- FOTE THE REFERENCE GO THROUGH VARIOUS LINKS**

1. DEFINE SIKHISM AND EXPLAIN ABOUT VARIOUS SIKH GURUS.

2. EXPLAIN VARIOUS WOMEN BHAKTI SAINTS – JANABAI, GANGASATI, RATNABAI, MEERABAI

3. EXPLAIN THE HISTORY OF ISLAM AND THE SUFI MOVEMENT. ALSO DEFINE THE SUFISM IN INDIA

✓ https://www.youtube.com/watch?v=yKKJos1T_BM

✓ <https://www.youtube.com/watch?v=ZLRz8Fe5OsY>

✓ <https://www.youtube.com/watch?v=EmqNyJnGRDI>

✓ <https://www.youtube.com/watch?v=PJmgW47x7Lo>

✓ <https://www.youtube.com/watch?v=uemltSY1Bp0>

(various kingdoms involved in religious movements)

✓ <https://www.youtube.com/watch?v=S-DLRUWa1U> (link is related to Sufism documentary)

✓ <https://www.youtube.com/watch?v=MItbLalNbiY> (birth of Islam)

✓

<https://www.youtube.com/watch?v=XdOxBCpk39c> (documentary about Islam)

https://www.youtube.com/watch?v=4NT_btkLlho (KHAN ACADEMY VIDEO ON BIRTH OF ISLAM)

PHYSICAL EDUCATION

Make a project file on the topic- "Main Sports and Circuit Training." (Length- 20 pages)