

1. Write the time shown by each clock:
(a) (b) (c) (d)
2. Write the time in figures:
(a) 7 minutes past 6 (b) 23 minutes to 5
(c) 18 minutes past 3 (d) 13 minutes to 4
(e) quarter to 4 (f) quarter past 2
(g) half past 7
3. Find the leap years: 1980, 1982, 1984, 1986, 1988
4. Find the non-leap years: 1964, 1979, 1992, 1990, 1987
5. How many days are there in a leap year?
6. How many days are there in a non-leap year?
7. How many days were there in February 1980?
8. How many days were there in 1980?
9. Write down the names of the months which have 30 days.
10. Write down the names of the months which have 31 days.
11. How many weeks are there in a year?
12. How many months are there in a year?
13. Write down the name of the first month of the year.
14. Write down the name of the last month of the year.
15. Convert into days:
(a) 2 months (b) 5 months (c) 7 months
(d) 6 weeks (e) 8 weeks (f) 10 weeks
16. Convert into days:
(a) 2 months 3 days (b) 6 months 10 days
(c) 9 months 15 days (d) 5 weeks 4 days
(e) 6 weeks 6 days (f) 3 weeks 3 days
17. Convert into minutes:
(a) 3 hours (b) 4 hours (c) 5 hours
(d) 10 hours (e) 6 hours 6 minutes
(f) 2 hours 10 minutes (g) 5 hours 5 minutes
18. Convert into seconds:
(a) 3 minutes (b) 5 minutes (c) 7 minutes
(d) 10 minutes (e) 10 minutes 10 seconds
(f) 2 minutes 7 seconds (g) 5 minutes 10 seconds
19. Convert into hours:
(a) 3 days (b) 4 days (c) 5 days
20. Write the time using a.m. or p.m.:
(a) 6 o'clock in the morning
(b) 3 o'clock in the afternoon
(c) 7:12 in the evening
(d) 5 minutes past midnight
21. Convert the time to the 24-hour clock time:
(a) 10:20 a.m. (b) 12:30 a.m. (c) 12:30 p.m.
(d) 4:15 p.m. (e) 6:45 p.m. (f) 8:12 p.m.
(g) Half past 6 in the morning
(h) 11 o'clock in the night
22. Write the time using the 12-hour clock:
(a) 0200 hours (b) 1000 hours (c) 1255 hours

- (d) 1403 hours (e) 1950 hours (f) 2100 hours
(g) 1515 hours (h) 1630 hours (i) 0115 hours
(j) 1200 hours (k) 0000 hours (l) 0050 hours
23. Change to minutes:
(a) 10 hours (b) 5 hr 20 min
(c) 12 hr 13 min (d) 1 day
24. Change to seconds:
(a) 24 minutes (b) 8 min 9 sec
(c) 15 min 50 sec (d) 2 hours
25. Convert to hours:
(a) 3 days (b) 1 week
(c) 4 days 5 hours (d) 17 days 10 hours
26. Change to days and hours:
(a) 150 hours (b) 730 hours (c) 245 hours
27. Change to hours and minutes:
(a) 125 minutes (b) 247 minutes (c) 529 minutes
28. Change to minutes and seconds:
(a) 61 seconds (b) 185 seconds (c) 280 seconds
- Add:**
29. (a) 30 sec + 55 sec (b) 45 min + 50 min
30. (a) 2 hr 38 min + 3 hr 49 min
(b) 11 hr 20 min 30 sec + 12 hr 17 min 45 sec
(c) 15 hr 16 min 50 sec + 10 hr 40 min 30 sec
(d) 10 hr 20 min 35 sec + 30 hr 40 min 55 sec
31. (a) 8 years 9 months + 9 years 5 months
(b) 12 year 3 months + 4 years 10 months
(c) 15 years 11 months + 16 years 8 months
32. (a) 40 sec, 15 sec, 5 sec
(b) 20 min, 25 min, 15 min
(c) 7 hr 30 min, 8 hr 42 min, 9 hr 25 min
(d) 10 min 40 sec, 20 min 20 sec, 45 min 12 sec
(e) 1 year 5 months, 4 years 6 months, 8 ears 3 months

- आधुनिक विद्या निकेतन ट्यूशन सेंटर**
- Money**
1. Express the following amounts of money in words:
(a) 25 rupees 25 paise (b) 8 rupees 50 paise
(c) 79 rupees (d) 75 rupees
2. Express the following amounts of money in figures:
(a) 20 rupees 75 paise (b) 30 rupees 45 paise
(c) 80 rupees (d) 95 paise
3. Express the following amounts of money in words:
(a) Rs 20.30 (b) ₹50.75 (c) ₹79.05 (d) Re 0.09
(e) Rs 95.00
4. Converting the following into paise (p):
(a) Rs 2 (b) Rs 9 (c) ₹3 (d) Rs 10 (e) ₹4
(f) Rs 15 (g) ₹3.25 (h) ₹5.10 (i) Rs 1.05
5. Converting the following into rupees and paise:
(a) 4020 paise (b) 3080 paise (c) 390 paise
(d) 1000 paise (e) 180 paise
6. Converting the following into rupees (₹/Re/Rs):
(a) 450 p (b) 1710 p (c) 1685 p (d) 8005 p
(e) 700 p (f) 75 p

Measures of Length, Mass and Capacity

1. Change into centimetres:
(a) 3 m (b) 5 m (c) 47 m (d) 98 m
2. Change into metres:
(a) 6 km (b) 9 km (c) 7 km (d) 3 km
3. Change into centimetres:
(a) 7 m 75 cm (b) 19 m 85 cm
(c) 21 m 5 cm (d) 71 m 1 cm
4. Change into metres:
(a) 8 km 123 m (b) 9 km 456 m (c) 7 km 987 m
(d) 6 km 36 m (e) 4 km 7 m (f) 3 km 1 m
5. Change into metres and centimetres:
(a) 2345 cm (b) 4567 cm (c) 7895 cm (d) 8700 cm
(e) 9082 cm (f) 50007 cm
6. Change into kilometres and metres:
(a) 2346 m (b) 7500 m (c) 9876 m
7. Change into grams:
(a) 2 kg (b) 3 kg (c) 4 kg (d) 8 kg
8. Change into grams:
(a) 5 kg 125 g (b) 2 kg 378 g (c) 9 kg 999 g
(d) 1 kg 75 g (e) 8 kg 28 g (f) 9 kg 90 g
(g) 1 kg 1 g (h) 5 kg 5 g (i) 9 kg 9 g
9. Change into kilograms:
(a) 2000 g (b) 3000 g (c) 8000 g (d) 9000 g
(e) 4000 g (f) 5000 g
10. Change into kilograms and grams:
(a) 1234 g (b) 2456 g (c) 6789 g (d) 7800 g
(e) 9651 g (f) 9071 g (g) 8005 g (h) 2028 g
(i) 3508 g
- Convert:**
11. (a) 1 m to cm (b) 1 km to m (c) 1 cm to mm
(d) 1 kg to g (e) 1 g to mg (f) 1 ¢ to m¢
(g) 1 ¢ to c¢ (h) 1 dam to m (i) 1 hg to g
12. (a) 5 m 6 cm to cm (b) 7 cm 7 mm to mm

- (c) 8 km 345 m to m (d) 9 ¢ 20 m¢ to m¢
(e) 10 kg 12 g to g (f) 16 cm 13 mm to mm
(g) 90 m 18 cm to cm (h) 222 kg 42 g to g
(i) 63 ¢ 13 m¢ to m¢
13. (a) 50 mm to cm (b) 900 cm to m (c) 3000 g to kg
(d) 2000 m¢ to ¢ (e) 7000 m to km
14. (a) 781 cm to m and cm (b) 2362 m¢ to ¢ and m¢
(c) 4002 m¢ to ¢ and m¢ (d) 1755 m to km and m
(e) 92 mm to cm and mm
(f) 356 mm to cm and mm
(g) 1020 cm to m and cm
(h) 22320 m to km and m
(i) 4529 g to kg and g
(j) 16725 g to kg and g


Add:


15. (a) 72 m 25 cm, 18m 10 cm, 9 m 50 cm
(b) 2 kg 200 g, 12 kg 900 g, 78 kg 350 g
(c) 17 ¢ 25 m¢, 9 ¢ 250m¢, 8 ¢ 400 m¢
(d) 36 km 475 m, 15 km 800 m, 9 km 225m
16. (a) 2 m 75 cm, 950 m (b) 4 kg 140 g, 3250 g
(c) 12 ¢ 525 m¢, 6354 m¢
(d) 530 m, 7 m 20 cm, 2 m
(e) 7 km 200 m, 8255 m, 9 km 325 m
(f) 8 kg 100 g, 5 kg 120 g, 7320 g
17. (a) 3 km 400 m 25 cm + 5 km 200 m 80 cm
(b) 12 km 300 m 50 cm + 14 km 400 m 20 cm
(c) 10 km 200 m 30 cm + 40 km 500 m 60 cm + 70 km 800 m 90 cm
(d) 15 km 100 m 10 cm + 20 km 500 m 40 cm + 70 km 600 m 80 cm


Subtract:


18. (a) 467 m 35 cm from 945 m 80 cm
(b) 29 ¢ 250 m¢ from 42 ¢ 100 m¢
(c) 17 km 425 m from 21 km 250 m
(d) 19 kg 300 g from 32 kg 150 g
19. (a) 325 cm from 5 m 38 cm
(b) 15 ¢ 650 m¢ from 20875 m¢
(c) 29 kg 319 g from 55 750 g
(d) 7250 m from 12 km
20. (a) 8 km 250 m 65 cm - 2 km 150 m 30 cm
(b) 17 km 200 m 40 cm - 12 km 100 m 80 cm
(c) 36 km 300 m 50 cm - 16 km 800 m 70 cm
- Multiply:**
21. (a) 12 m 10 cm by 7. (b) 18 km 150 m by 6.
(c) 12 kg 125 g by 7. (d) 21 ¢ 225 m¢ by 4.
22. (a) 5 m 45 cm by 6. (b) 28 km 350 m by 9.
(c) 85 kg 585 g by 8. (d) 72 ¢ 435 m¢ by 7.
23. (a) 3 m 85 cm × 12 (b) 5 km 575 m × 13
(c) 6 kg 725 g × 14 (d) 7 ¢ 825 m¢ × 15
- Find:**
24. (a) 28 m 64 cm ÷ 4 (b) 35 km 749 m ÷ 7
(c) 81 kg 189 g ÷ 9 (d) 12 ¢ 612 m¢ ÷ 6
25. (a) 779 m 59 cm ÷ 37 (b) 218 m 12 cm ÷ 76
(c) 281 km 862 m ÷ 14 (d) 155 kg 64 g ÷ 39
(e) 89 ¢ 40 m¢ ÷ 42 (f) 115 ¢ 360 m¢ ÷ 16
- Time**

1. Write the time shown by each clock:

(a)

(b)

(c)

(d)

2. Write the time in figures:

(a) 7 minutes past 6

(b) 23 minutes to 5

(c) 18 minutes past 3

(d) 13 minutes to 4

(e) quarter to 4

(f) quarter past 2

(g) half past 7

3. Find the leap years: 1980, 1982, 1984, 1986, 1988

4. Find the non-leap years: 1964, 1979, 1992, 1990, 1987

5. How many days are there in a leap year?

6. How many days are there in a non-leap year?

7. How many days were there in February 1980?

8. How many days were there in 1980?

9. Write down the names of the months which have 30 days.

10. Write down the names of the months which have 31 days.

11. How many weeks are there in a year?

12. How many months are there in a year?

13. Write down the name of the first month of the year.

14. Write down the name of the last month of the year.

15. Convert into days:

(a) 2 months

(b) 5 months

(c) 7 months

(d) 6 weeks

(e) 8 weeks

(f) 10 weeks

16. Convert into days:

(a) 2 months 3 days

(b) 6 months 10 days

(c) 9 months 15 days

(d) 5 weeks 4 days

(e) 6 weeks 6 days

(f) 3 weeks 3 days

17. Convert into minutes:

(a) 3 hours

(b) 4 hours

(c) 5 hours

(d) 10 hours

(e) 6 hours 6 minutes

(f) 5 hours 5 minutes

18. Convert into seconds:

(a) 3 minutes

(b) 5 minutes

(c) 7 minutes

(d) 10 minutes

(e) 10 minutes 10 seconds

(f) 5 minutes 10 seconds

19. Convert into hours:

(a) 3 days

(b) 4 days

(c) 5 days

(d) 3 days

(e) 4 days

(f) 5 days

20. Write the time using a.m. or p.m.:

(a) 6 o'clock in the morning

(b) 3 o'clock in the afternoon

(c) 7:12 in the evening

(d) 5 minutes past midnight

(e) 5 minutes past midnight

(f) 3 o'clock in the morning

21. Convert the time to the 24-hour clock time:

(a) 10:20 a.m.

(b) 12:30 a.m.

(c) 12:30 p.m.

(d) 4:15 p.m.

(e) 6:45 p.m.

(f) 8:12 p.m.

(g) Half past 6 in the morning

(h) 11 o'clock in the night

22. Write the time using the 12-hour clock:

(a) 0200 hours

(b) 1000 hours

(c) 1255 hours

(d) 1100 hours

(e) 0800 hours

(f) 1155 hours

(d) 1403 hours (e) 1950 hours (f) 2100 hours (g) 1515 hours (h) 1630 hours (i) 0115 hours (j) 1200 hours (k) 0000 hours (l) 0050 hours

23. Change to minutes:

(a) 10 hours

(b) 5 hr 20 min

(c) 12 hr 13 min

(d) 1 day

24. Change to seconds:

(a) 24 minutes

(b) 8 min 9 sec

(c) 15 min 50 sec

(d) 2 hours

25. Convert to hours:

(a) 3 days

(b) 1 week

(c) 4 days 5 hours

(d) 17 days 10 hours

26. Change to days and hours:

(a) 150 hours

(b) 730 hours

(c) 245 hours

(d) 17 days 10 hours

27. Change to hours and minutes:

(a) 125 minutes

(b) 247 minutes

(c) 529 minutes

(d) 17 days 10 hours

28. Change to minutes and seconds:

(a) 61 seconds

(b) 185 seconds

(c) 280 seconds

(d) 17 days 10 hours

Add:

29. (a) 30 sec + 55 sec (b) 45 min + 50 min

30. (a) 2 hr 38 min + 3 hr 49 min

(b) 11 hr 20 min 30 sec + 12 hr 17 min 45 sec

(c) 15 hr 16 min 50 sec + 10 hr 40 min 30 sec

(d) 10 hr 20 min 35 sec + 30 hr 40 min 55 sec

31. (a) 8 years 9 months + 9 years 5 months

(b) 12 year 3 months + 4 years 10 months

(c) 15 years 11 months + 16 years 8 months

32. (a) 40 sec, 15 sec, 5 sec

(b) 20 min, 25 min, 15 min

(c) 7 hr 30 min, 8 hr 42 min, 9 hr 25 min

(d) 10 min 40 sec, 20 min 20 sec, 45 min 12 sec

(e) 1 year 5 months, 4 years 6 months, 8 ears 3 months

Find:

33. 35 min 40 sec - 10 min 29 sec

34. 25 hr 35 min - 17 hr 16 min

35. 37 hr 45 min 30 sec - 18 hr 26 min 15 sec

36. 45 min 30 sec - 20 min 45 sec

37. 36 hr 10 min - 19 hr 45 min

38. 25 hr 25 min 25 sec - 15 hr 35 min 35 sec

39. 34 min 20 sec - 13 min 10 sec

40. 24 hr 35 min - 15 hr 15 min

41. 9 hr 10 min 10 sec - 2 hr 5 min 5 sec

42. 11 hr 15 min 20 sec - 4 hr 20 min 30 sec

43. (a) 10 min 10 sec x 5 (b) 12 hr 15 min x 3

(c) 15 min 12 sec x 5 (d) 25 hr 30 min x 2

(e) 2 hr 5 min 5 sec x 8

(f) 32 hr 25 min 15 sec x 5

44. Multiply:

(a) 2 min 10 sec by 6.

(b) 3 hr 30 min by 2.

(c) 10 hr 15 min 20 sec by 6.

(d) 15 hr 45 min + 15

45. (a) 30 min 30 sec ÷ 6 (b) 15 hr 45 min ÷ 15

(c) 18 hr 40 min ÷ 8 (d) 37 min 6 sec ÷ 7

46. (a) 26 hr 36 min 30 sec ÷ 5

(b) 34 hr 43 min 12 sec ÷ 14

(c) 86 hr 14 min 8 sec ÷ 16

(d) 121 hr 41 min 40 sec ÷ 20

आधुनिक विद्या निकेतन ट्यूशन सेंटर

Money

1. Express the following amounts of money in words:

(a) 25 rupees 25 paise

(b) 8 rupees 50 paise

(c) 79 rupees

(d) 75 rupees

2. Express the following amounts of money in figures:

(a) 20 rupees 75 paise

(b) 30 rupees 45 paise

(c) 80 rupees

(d) 95 paise

3. Express the following amounts of money in words:

(a) Rs 20.30 (b) ₹50.75 (c) ₹79.05 (d) Re 0.09

(e) Rs 95.00

4. Converting the following into paise (p):

(a) Rs 2 (b) Rs 9 (c) ₹3 (d) Rs 10 (e) ₹4

(f) Rs 15 (g) ₹3.25 (h) ₹5.10 (i) Rs 1.05

5. converting the following into rupees and paise:

(a) 4020 paise (b) 3080 paise (c) 390 paise

(d) 1000 paise (e) 180 paise

6. Converting the following into rupees (₹/Re/Rs):

(a) 450 p (b) 1710 p (c) 1685 p (d) 8005 p

(e) 700 p (f) 75 p

Measures of Length, Mass and Capacity

1. Change into centimetres:

(a) 3 m (b) 5 m (c) 47 m (d) 98 m

(e) 1 km (f) 2 km

2. Change into metres:

(a) 6 km (b) 9 km (c) 7 km (d) 3 km

(e) 12 km (f) 15 km

3. Change into centimetres:

(a) 7 m 75 cm (b) 19 m 85 cm

(c) 21 m 5 cm (d) 71 m 1 cm

4. Change into metres:

(a) 8 km 123 m (b) 9 km 456 m (c) 7 km 987 m

(d) 6 km 36 m (e) 4 km 7 m (f) 3 km 1 m

5. Change into metres and centimetres:

(a) 2345 cm (b) 4567 cm (c) 7895 cm (d) 8700 cm

(e) 9082 cm (f) 50007 cm

6. Change into kilometres and metres:

(a) 2346 m (b) 7500 m (c) 9876 m

(d) 12 km 34 m (e) 15 km 67 m

7. Change into grams:

(a) 2 kg (b) 3 kg (c) 4 kg (d) 8 kg

(e) 12 kg (f) 15 kg

8. Change into grams:

(a) 5 kg 125 g (b) 2 kg 378 g (c) 9 kg 999 g

(d) 1 kg 75 g (e) 8 kg 28 g (f) 9 kg 90 g

(g) 1 kg 1 g (h) 5 kg 5 g (i) 9 kg 9 g

9. Change into kilograms:

(a) 2000 g (b) 3000 g (c) 8000 g (d) 9000 g

(e) 4000 g (f) 5000 g

10. Change into kilograms and grams:

(a) 1234 g (b) 2456 g (c) 6789 g (d) 7800 g

(e) 9651 g (f) 9071 g (g) 8005 g (h) 2028 g

(i) 3508 g

Convert:

11. (a) 1 m to cm (b) 1 km to m (c) 1 cm to mm

(d) 1 kg to g (e) 1 g to mg (f) 1 t to mℓ

(g) 1 t to cℓ (h) 1 dam to m (i) 1 hg to g

12. (a) 5 m 6 cm to cm (b) 7 cm 7 mm to mm

(c) 8 km 345 m to m (d) 9 t 20 mℓ to mℓ

(e) 10 kg 12 g to g (f) 16 cm 13 mm to mm

(g) 90 m 18 cm to cm (h) 222 kg 42 g to g

(i) 63 t 13 mℓ to mℓ

13. (a) 50 mm to cm (b) 900 cm to m (c) 3000 g to kg

(d) 2000 mℓ to ℓ (e) 7000 m to km

14. (a) 781 cm to m and cm (b) 2362 mℓ to ℓ and mℓ

(c) 4002 mℓ to ℓ and mℓ (d) 1755 m to km and m

(e) 92 mm to cm and mm

(f) 356 mm to cm and mm

(g) 1020 cm to m and cm

(h) 22320 m to km and m

(i) 4529 g to kg and g

(j) 16725 g to kg and g

Add:

15. (a) 72 m 25 cm, 18m 10 cm, 9 m 50 cm

(b) 2 t 200 g, 12 kg 900 g, 78 kg 350 g

(c) 17 t 255 mℓ, 9 t 250mℓ, 8 t 400 mℓ

(d) 36 km 475 m, 15 km 800 m, 9 km 225m

16. (a) 2 m 75 cm, 950 m (b) 4 kg 140 g, 3250 g

(c) 12 t 525 mℓ, 6354 mℓ

(d) 530 m, 7 m 20 cm, 2 m

(e) 7 km 200 m, 8255 m, 9 km 325 m

(f) 8 kg 100 g, 5 kg 120 g, 7320 g

17. (a) 3 km 400 m 25 cm + 5 km 200 m 80 cm

(b) 12 km 300 m 50 cm + 14 km 400 m 20 cm

(c) 10 km 200 m 30 cm + 40 km 500 m 60 cm + 70 km 800 m 90 cm

(d) 15 km 100 m 10 cm + 20 km 500 m 40 cm + 70 km 600 m 80 cm

Subtract:

18. (a) 467 m 35 cm from 945 m 80 cm

(b) 29 t 250 mℓ from 42 t 100 mℓ

(c) 17 km 425 m from 21 km 250 m

(d) 19 kg 300 g from 32 kg 150 g

19. (a) 325 cm from 5 m 38 cm

(b) 15 t 650 mℓ from 20875 mℓ

(c) 29 kg 319 g from 55 750 g

(d) 7250 m from 12 km

20. (a) 8 km 250 m 65 cm - 2 km 150 m 30 cm

(b) 17 km 200 m 40 cm - 12 km 100 m 80 cm

(c) 36 km 300 m 50 cm - 16 km 800 m 70 cm

Multiply:

21. (a) 12 m 10 cm by 7. (b) 18 km 150 m by 6.

(c) 12 kg 125 g by 7. (d) 21 t 225 mℓ by 4.

22. (a) 5 m 45 cm by 6. (b) 28 km 350 m by 9.

(c) 85 kg 585 g by 8. (d) 72 t 435 mℓ by 7.

23. (a) 3 m 85 cm x 12 (b) 5 km 575 m x 13

(c) 6 kg 725 g x 14 (d) 7 t 825 mℓ x 15

Find:

24. (a) 28 m 64 cm ÷ 4 (b) 35 km 749 m ÷ 7

(c) 81 kg 189 g ÷ 9 (d) 12 t 612 mℓ ÷ 6

25. (a) 779 m 59 cm ÷ 37 (b) 218 m 12 cm ÷ 76

(c) 281 km 862 m ÷ 14 (d) 155 kg 64 g ÷ 39

(e) 89 t 40 mℓ ÷ 42 (f) 115 t 360 mℓ ÷ 16

Time