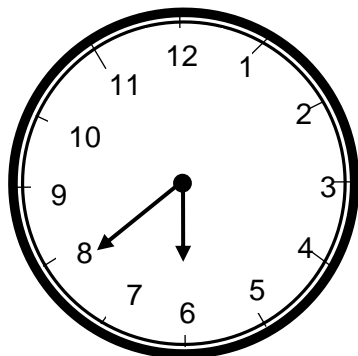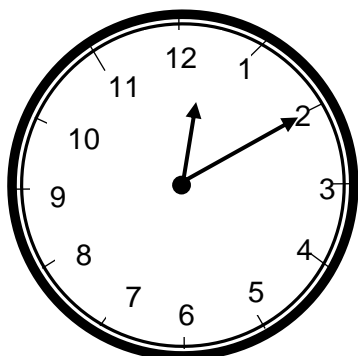## Activity twenty-six

1.
    a) What is a quarter an hour?
    b) Express 40mins as a ratio to $1\frac{1}{3}$ hrs.
    c) Express 45mins as a percentage of an hour.
    d) Express 25mins as a percentage of $1\frac{1}{3}$ hrs.
    e) A minute hand has moved 20 minutes. What percentage of an hour has the minute hand covered?

2.
    a) Tell the time showed on the clock face below

    b) Write the morning time showed on the clock face below in 24-hour clock system.

3. Represent the time below on the clock faces.
        i)   Ten minutes past two o'clock.
        ii) 20 minutes to nine o'clock.
4. Write the time below in 24-hour clock system.
        a) 3.12 p.m.
        b) 12:45 a.m.
        c) 8:05 a.m.
        d) Five minutes to mid-night.
        e) Quarter to mid-day.
        f) 10 minutes past mid-night.

5. Write the following in 12-hour clock system.
        a) 1313 hrs
        b) 0102 hrs
        c) 1115 hrs
        d) 0006 hrs
        e) 1240 hrs

FINDING DURATION

6. The lesson started at 6:45 a.m. and it ended at 8:15. How long was it
7. How long is it from 10:25 a.m. to 4:15 pm?
8. How long is it from 12:45 p.m. to 6:35 pm?

9. The baby started sleeping at half past eleven in the morning and wake up at quarter past mid-day. How long did the baby sleep?
10. The journey started at 2:15 pm and it ended at 1:15 am. How long was it?
11. The parents' meeting ended at 1:40 pm. How did it take if it started at 10:20 am?
12. Peter dug from 11:30 am to 1440 hrs for how long did he dig?
13. When it is 11:40 am in Uganda it is 12:30 pm in South Africa. What is the time difference in Uganda and South Africa?
14. A trip to America started at 6:45 pm and we arrived at 3:15 pm. The next day. How long was the journey?
15. The lesson started at 7:15 am and it lasted for 50min. at what time did it end?
16. A baby slept for $\frac{3}{4}$ hrs. if it woke up at 11:10 am, when did it start sleeping?
17. A football match started at 0940 hrs and it took $1\frac{1}{3}$ hrs. at what time did it end?
18. A boy ran for $2\frac{1}{5}$ hrs. if he stopped running at five minutes past mid-day. When did he start the journey?
19. A parents' meeting commenced at 10:30 am. If it lasted for strictly $2\frac{1}{4}$ hrs, when did it stop.
20. A trade show was closed at 1745 hrs. if it had taken $7\frac{2}{3}$ hrs find it kick off time.
21. A meeting ended at 1:20 am. It took $3\frac{1}{3}$ hrs. when did it start.