

**Welland Gouldsmith School**  
**Mathematics**  
**Class 4**  
**Chapter 11- Time**  
**Answer key**

**1. Write the time 1 hour before:**

1. 2:10 a.m.  
1:10 a.m.
2. 5:00 p.m.  
4:00 p.m.
3. 8:45 p.m.  
7:45 p.m.
4. 2:00 a.m.  
1:00 a.m.

**2. Give the time 1 hour after:**

1. 8:00 a.m.  
9:00 a.m.
2. 3:35 p.m.  
4:35 p.m.
3. 5:12 p.m.  
6:12 p.m.
4. 7:45 a.m.  
8:45 a.m.

**3. How many minutes have passed from:**

1. 8:25 to 9:25  
8:25 1 hr 9:25
2. 3:00 to 5:00  
3:00 1 hr 4:00 1 hr 5:00  
1hr +1 hr= 2 hrs
3. 8:45 to 10:00  
8:45 1hr 9:45 15min 10:00  
1 hr + 15 mins= 1 hrs 15 mins

4. 2:15 to 3:00  
2:15 45 mins 3:00

**4. How many hours have passed between:**

1. 8:00 to 10:00  
8:00 1 hr 9:00 1 hr 10:00  
1 hr + 1 hr = 2 hrs
2. 2:00 to 6:00  
2:00 1 hr 3:00 1 hr 4:00 1 hr 5:00  
1 hr 6:00

1 hr+ 1 hr+ 1 hr + 1 hr= 4 hrs

3. 9:00 to 10:00

9:00 1 hr 10:00= 1 hr

4. 3:00 to 5:00

3:00 1 hr 4:00 1 hr 5:00

1 hr+ 1 hr = 2 hrs

**5. Write the time in 24 hours:**

1. 2:47 a.m.

Ans: 1447 hrs

2. 8:45 p.m.

Ans: 2045 hrs

3. 10:15 p.m.

Ans: 2215 hrs

4. 8:20 a.m.

Ans: 2020 hrs

**Textbook Exercises:**

**Ex. 11.1 B**

**Write the time 1 hour before:**

3. 11:30 a.m.

4. 11:45 p.m.

5. 3:05 p.m.

6. 12 midnight

**Ex. 11.1 C**

**Give the time 1 hour after:**

3. 7:00a.m.

4. 12:00 midnight

5. 10:30p.m.

6. 8:40a.m.

**Ex. 11.2 C**

**How many minutes have passed from:**

1) 1:15 45 minutes 2:00

2) 3:45 15 minutes 4:00

4:00 30 minutes 4:30

15 minutes+ 30 minutes= 45 minutes

3) 7:25 35 minutes 8: 00

4) 6:03 34 minutes 6:37

**Ex. C****How many hours have passed between:**2) 7:00 1 hr 8:00 1 hr 9:00 1 hr 10:001 hr 11:00 1 hr 12:00 $= 1\text{hr}+1\text{hr}+1\text{hr}+1\text{hr}+1\text{hr}= 5 \text{ hrs}$ 3) 11:00 1 hr 12:00 1 hr 1:00 1 hr 2:00 $= 1 \text{ hr}+ 1 \text{ hr} + 1 \text{ hr}= 3 \text{ hrs}$ 4) 4:00 1hr 5:00 1hr 6:00 1hr 7:00 1hr 8:00 1hr 9:00 1hr 10:00 1hr 11:00 1hr 12:00 $= 1\text{hr}+1\text{hr}+1\text{hr}+1\text{hr}+1\text{hr}+1\text{hr}+1\text{hr}+1\text{hr}+1\text{hr}= 8 \text{ hrs}$ 6) 11:00 1hr 12:00 1hr 1:00 1hr 2:00 $=1\text{hr}+1\text{hr}+1\text{hr}+=3 \text{ hrs}$ **Ex. 11.4 B**

4) 6:20 p.m.

 $620+1200= 1820 \text{ hrs}$ 

5) 3:15 a.m.

 $315+1200= 1515 \text{ hrs}$ 

6) 9:47 p.m.

 $947+1200= 2147 \text{ hrs}$ 

7) 11:05 p.m.

 $1105+1200= 2305 \text{ hrs}$ **Ex 11.2 D**1) 8:05 15 min 8:202) 7:05 15min 7:203) 10:30 1hr 11:30 1hr 12:30 1hr 1:30 45min 2:15 $= 1\text{hr}+1\text{hr}+1\text{hr}+45 \text{ min} = 3 \text{ hrs } 45 \text{ mins}$ 4) 10:45 1hr 11:45 1hr 12:45 20min 1:05 $= 1 \text{ hr} + 1 \text{ hr}+ 20 \text{ min}= 2 \text{ hrs } 20 \text{ min}$