Determining Time Using Rounding

Determine the answer by using rounding strategies.

6:25 + 1 hour and 55 minutes

When adding or subtracting time, it is often easier to round to the next hour first. In the example above we can round 1 hour and 55 minutes up to 2 hours (5 minutes more).

6:25 + 2 hours = 8:25

When rounded to 2 hours, we can easily see that 6:25 + 2 hours is 8:25. But since we added 5 minutes, now we must take away 5 minutes.

8:25 - 5 Minutes = **8:20**
And now we know the elapsed time!

Ex. _____ **9:45**

Ex) 7:50 + 1 hour and 55 minutes = _____9:45_____

1) 7:05 + 1 hour and 50 minutes = _____

1. _____

2) 7:10 + 3 hours and 50 minutes = _____

2. _____

3) 4:00 + 3 hours and 55 minutes = _____

3. _____

4) 4:15 + 1 hour and 50 minutes = _____

4. _____

5) 2:30 + 3 hours and 50 minutes = _____

5. _____

6) 4:40 + 3 hours and 50 minutes = _____

6. _____

7) 3:05 + 3 hours and 55 minutes = _____

7. _____

8) 6:05 + 1 hour and 55 minutes = _____

8. _____

9) 1:05 + 2 hours and 50 minutes = _____

9. _____

10) 1:00 + 1 hour and 50 minutes = _____

10. _____

11) 4:45 - 1 hour and 50 minutes = _____

11. _____

12) 9:35 - 3 hours and 50 minutes = _____

12. _____

13) 5:00 - 1 hour and 55 minutes = _____

13. _____

14) 9:10 - 1 hour and 55 minutes = _____

14. _____

15) 5:30 - 3 hours and 55 minutes = _____

15. _____

16) 5:40 - 3 hours and 55 minutes = _____

16. _____

17) 4:05 - 2 hours and 50 minutes = _____

17. _____

18) 9:45 - 1 hour and 55 minutes = _____

18. _____

19) 9:35 - 1 hour and 55 minutes = _____

19. _____

20) 3:10 - 1 hour and 50 minutes = _____

20. _____

Math

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

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When rounded to 2 hours, we can easily see that 6:25 + 2 hours is 8:25. But since we added 5 minutes, now we must take away 5 minutes.

8:25 - 5 Minutes = **8:20**
And now we know the elapsed time!

Ex)	7:50 + 1 hour and 55 minutes =	9:45
1)	7:05 + 1 hour and 50 minutes =	8:55
2)	7:10 + 3 hours and 50 minutes =	11:00
3)	4:00 + 3 hours and 55 minutes =	7:55
4)	4:15 + 1 hour and 50 minutes =	6:05
5)	2:30 + 3 hours and 50 minutes =	6:20
6)	4:40 + 3 hours and 50 minutes =	8:30
7)	3:05 + 3 hours and 55 minutes =	7:00
8)	6:05 + 1 hour and 55 minutes =	8:00
9)	1:05 + 2 hours and 50 minutes =	3:55
10)	1:00 + 1 hour and 50 minutes =	2:50
11)	4:45 - 1 hour and 50 minutes =	2:55
12)	9:35 - 3 hours and 50 minutes =	5:45
13)	5:00 - 1 hour and 55 minutes =	3:05
14)	9:10 - 1 hour and 55 minutes =	7:15
15)	5:30 - 3 hours and 55 minutes =	1:35
16)	5:40 - 3 hours and 55 minutes =	1:45
17)	4:05 - 2 hours and 50 minutes =	1:15
18)	9:45 - 1 hour and 55 minutes =	7:50
19)	9:35 - 1 hour and 55 minutes =	7:40
20)	3:10 - 1 hour and 50 minutes =	1:20

Answers

Ex.	**9:45**
1.	**8:55**
2.	**11:00**
3.	**7:55**
4.	**6:05**
5.	**6:20**
6.	**8:30**
7.	**7:00**
8.	**8:00**
9.	**3:55**
10.	**2:50**
11.	**2:55**
12.	**5:45**
13.	**3:05**
14.	**7:15**
15.	**1:35**
16.	**1:45**
17.	**1:15**
18.	**7:50**
19.	**7:40**
20.	**1:20**

Math

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0