Determining Time Using Rounding

Name:

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) 7:20 + 3 hours and 50 minutes = 11:10

1) 7:50 + 2 hours and 55 minutes = _____

2) 2:00 + 2 hours and 55 minutes = _____

3) 3:45 + 2 hours and 50 minutes = _____

4) 2:50 + 3 hours and 50 minutes = _____

5) 4:50 + 2 hours and 55 minutes = _____

6) 6:10 + 1 hour and 55 minutes = _____

7) 7:00 + 3 hours and 50 minutes = _____

8) 6:15 + 2 hours and 50 minutes = _____

9) 6:45 + 2 hours and 50 minutes = _____

10) 7:15 + 2 hours and 50 minutes = _____

11) 8:00 - 2 hours and 55 minutes = _____

12) 4:50 - 3 hours and 50 minutes = _____

13) 5:35 - 1 hour and 55 minutes = _____

14) 7:15 - 3 hours and 50 minutes = _____

15) 8:25 - 2 hours and 50 minutes = _____

16) 7:30 - 3 hours and 50 minutes = _____

17) 11:10 - 3 hours and 50 minutes = _____

18) 4:00 - 2 hours and 55 minutes = _____

19) 8:20 - 1 hour and 55 minutes = _____

20) 5:05 - 2 hours and 50 minutes = _____

Answers

Ex. 11:10

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

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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6:25 + 1 hour and 55 minutes

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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) 7:20 + 3 hours and 50 minutes = 11:10

1) 7:50 + 2 hours and 55 minutes = 10:45

2) 2:00 + 2 hours and 55 minutes = 4:55

3) 3:45 + 2 hours and 50 minutes = 6:35

4) 2:50 + 3 hours and 50 minutes = 6:40

5) 4:50 + 2 hours and 55 minutes = 7:45

6) 6:10 + 1 hour and 55 minutes = 8:05

7) 7:00 + 3 hours and 50 minutes = 10:50

8) 6:15 + 2 hours and 50 minutes = 9:05

9) 6:45 + 2 hours and 50 minutes = 9:35

10) 7:15 + 2 hours and 50 minutes = 10:05

11) 8:00 - 2 hours and 55 minutes = 5:05

12) 4:50 - 3 hours and 50 minutes = 1:00

13) 5:35 - 1 hour and 55 minutes = 3:40

14) 7:15 - 3 hours and 50 minutes = 3:25

15) 8:25 - 2 hours and 50 minutes = 5:35

16) 7:30 - 3 hours and 50 minutes = 3:40

17) 11:10 - 3 hours and 50 minutes = 7:20

18) 4:00 - 2 hours and 55 minutes = 1:05

19) 8:20 - 1 hour and 55 minutes = 6:25

20) 5:05 - 2 hours and 50 minutes = 2:15

Answers

Ex. 11:10
1. 10:45
2. 4:55
3. 6:35
4. 6:40
5. 7:45
6. 8:05
7. 10:50
8. 9:05
9. 9:35
10. 10:05
11. 5:05
12. 1:00
13. 3:40
14. 3:25
15. 5:35
16. 3:40
17. 7:20
18. 1:05
19. 6:25
20. 2:15

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