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) 5:15 + 3 hours and 50 minutes = <u>9:05</u>

1) 5:15 + 3 hours and 50 minutes = _____

2) 5:05 + 2 hours and 50 minutes = _____

3) 5:05 + 2 hours and 50 minutes = _____

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

5) 5:45 + 2 hours and 55 minutes = _____

6) 2:20 + 3 hours and 55 minutes = _____

7) 2:20 + 3 hours and 55 minutes = _____

8) 7:50 + 3 hours and 55 minutes = _____

9) 7:50 + 3 hours and 55 minutes = _____

10) 5:00 + 1 hour and 55 minutes = _____

11) 5:00 + 1 hour and 55 minutes = _____

12) 5:25 + 2 hours and 55 minutes = _____

13) 5:25 + 2 hours and 55 minutes = _____

14) 1:25 + 3 hours and 55 minutes = _____

15) 1:25 + 3 hours and 55 minutes = _____

16) 3:30 + 1 hour and 50 minutes = _____

17) 3:30 + 1 hour and 50 minutes = _____

18) 2:30 + 2 hours and 55 minutes = _____

19) 2:30 + 2 hours and 55 minutes = _____

20) 3:40 + 2 hours and 50 minutes = _____

Answers

Ex. <u>9:05</u>

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

Math

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

Name:

Determine the answer by using rounding strategies.

Answers

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) 5:15 + 3 hours and 50 minutes = 9:05

1) 5:15 + 3 hours and 50 minutes = 7:10

2) 5:05 + 2 hours and 50 minutes = 7:55

3) 5:05 + 2 hours and 50 minutes = 2:40

4) 5:45 + 2 hours and 55 minutes = 8:40

5) 5:45 + 2 hours and 55 minutes = 1:05

6) 2:20 + 3 hours and 55 minutes = 6:15

7) 2:20 + 3 hours and 55 minutes = 1:00

8) 7:50 + 3 hours and 55 minutes = 11:45

9) 7:50 + 3 hours and 55 minutes = 3:25

10) 5:00 + 1 hour and 55 minutes = 6:55

11) 5:00 + 1 hour and 55 minutes = 3:30

12) 5:25 + 2 hours and 55 minutes = 8:20

13) 5:25 + 2 hours and 55 minutes = 1:50

14) 1:25 + 3 hours and 55 minutes = 5:20

15) 1:25 + 3 hours and 55 minutes = 5:15

16) 3:30 + 1 hour and 50 minutes = 5:20

17) 3:30 + 1 hour and 50 minutes = 3:10

18) 2:30 + 2 hours and 55 minutes = 5:25

19) 2:30 + 2 hours and 55 minutes = 2:45

20) 3:40 + 2 hours and 50 minutes = 6:30

Ex.	**9:05**			
1.	**7:10**			
2.	**7:55**			
3.	**2:40**			
4.	**8:40**			
5.	**1:05**			
6.	**6:15**			
7.	**1:00**			
8.	**11:45**			
9.	**3:25**			
10.	**6:55**			
11.	**3:30**			
12.	**8:20**			
13.	**1:50**			
14.	**5:20**			
15.	**5:15**			
16.	**5:20**			
17.	**3:10**			
18.	**5:25**			
19.	**2:45**			
20.	**6:30**			

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