## 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).

$$
6: 25+2 \text { hours }=8: 25
$$

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) 5:25 + 3 hours and 55 minutes $=$ $\qquad$

1) $2: 40+3$ hours and 50 minutes $=$ $\qquad$
2) $3: 45+3$ hours and 50 minutes $=$ $\qquad$
3) $3: 25+1$ hour and 50 minutes $=$ $\qquad$
4) $7: 50+3$ hours and 55 minutes $=$ $\qquad$
5) $1: 35+1$ hour and 55 minutes $=$ $\qquad$
6) $2: 40+2$ hours and 50 minutes $=$ $\qquad$
7) $4: 45+1$ hour and 55 minutes $=$ $\qquad$
8) $4: 15+1$ hour and 50 minutes $=$ $\qquad$
9) $4: 40+3$ hours and 50 minutes $=$ $\qquad$
10) $7: 40+1$ hour and 50 minutes $=$ $\qquad$
11) $8: 10-2$ hours and 55 minutes $=$ $\qquad$
12) 11:45-3 hours and 50 minutes $=$ $\qquad$
13) 6:40-1 hour and 55 minutes $=$ $\qquad$
14) $4: 50-1$ hour and 50 minutes $=$ $\qquad$
15) $10: 50-2$ hours and 55 minutes $=$ $\qquad$
16) $8: 40-2$ hours and 50 minutes $=$ $\qquad$
17) $6: 40-3$ hours and 55 minutes $=$ $\qquad$
18) $7: 10-2$ hours and 55 minutes $=$
19) $4: 05-2$ hours and 55 minutes $=$ $\qquad$
20) $11: 40-3$ hours and 55 minutes $=$ $\qquad$
Ex. $\qquad$ 9:20
1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
11. $\qquad$
12. $\qquad$
13. $\qquad$
14. $\qquad$
15. $\qquad$
16. $\qquad$
17. $\qquad$
18. $\qquad$
19. $\qquad$
20. $\qquad$

| $1-10$ | 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) 5:25 +3 hours and 55 minutes $=\quad 9: 20$

1) $2: 40+3$ hours and 50 minutes $=$ $\qquad$
2) $3: 45+3$ hours and 50 minutes $=$ $\qquad$
3) $3: 25+1$ hour and 50 minutes $=$ $\qquad$
4) $7: 50+3$ hours and 55 minutes $=11: 45$
5) $1: 35+1$ hour and 55 minutes $=$ $\qquad$
6) $2: 40+2$ hours and 50 minutes $=$ $\qquad$
7) $4: 45+1$ hour and 55 minutes $=$ $\qquad$
8) $4: 15+1$ hour and 50 minutes $=$ $\qquad$
9) $4: 40+3$ hours and 50 minutes $=$ $\qquad$ 8:30
10) $7: 40+1$ hour and 50 minutes $=$ $\qquad$
11) 8:10-2 hours and 55 minutes $=$ 5:15
12) 11:45-3 hours and 50 minutes $=\quad 7: 55$
13) $6: 40-1$ hour and 55 minutes $=$ $\qquad$
14) $4: 50-1$ hour and 50 minutes $=$ $\qquad$
15) $10: 50-2$ hours and 55 minutes $=$ $\qquad$ 7:55
16) $8: 40-2$ hours and 50 minutes $=$ $\qquad$
17) $6: 40-3$ hours and 55 minutes $=$ $\qquad$
18) $7: 10-2$ hours and 55 minutes $=$ $\qquad$
19) $4: 05-2$ hours and 55 minutes $=$

| $1: 10$ |
| :--- |

20) 11:40-3 hours and 55 minutes $=$

7:45

Answers

Ex. $\qquad$ 9:20

1. $\qquad$
6:30
2. $\qquad$
3. $\qquad$ 5:15
4. $\quad \mathbf{1 1 : 4 5}$
5. $\quad 3: 30$
6. 

$5: 30$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
11. $\qquad$
12. $\qquad$
14. $\qquad$
15. $\qquad$
16. $\qquad$
17. $\qquad$
18. $\qquad$
19. $\qquad$
20. $\qquad$

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

