## 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) $4: 45+3$ hours and 50 minutes $=$ $\qquad$ 8:35

1) $2: 45+1$ hour and 55 minutes $=$ $\qquad$
2) $3: 25+1$ hour and 50 minutes $=$ $\qquad$
3) $2: 15+1$ hour and 50 minutes $=$ $\qquad$
4) $7: 05+3$ hours and 55 minutes $=$ $\qquad$
5) $7: 30+2$ hours and 55 minutes $=$ $\qquad$
6) $1: 50+2$ hours and 55 minutes $=$ $\qquad$
7) $1: 35+2$ hours and 50 minutes $=$ $\qquad$
8) $1: 45+3$ hours and 50 minutes $=$ $\qquad$
9) $7: 35+1$ hour and 50 minutes $=$ $\qquad$
10) $3: 10+3$ hours and 55 minutes $=$ $\qquad$
11) $7: 30-1$ hour and 50 minutes $=$ $\qquad$
12) $8: 55-2$ hours and 50 minutes $=$ $\qquad$
13) $8: 25-3$ hours and 55 minutes $=$ $\qquad$
14) $5: 00-2$ hours and 55 minutes $=$ $\qquad$
15) $10: 55-3$ hours and 55 minutes $=$ $\qquad$
16) $7: 15-1$ hour and 55 minutes $=$ $\qquad$
17) $6: 40-2$ hours and 55 minutes $=$ $\qquad$
18) $8: 55-1$ hour and 50 minutes $=$ $\qquad$
19) $9: 20-3$ hours and 50 minutes $=$ $\qquad$
20) 5:55 - 2 hours and 55 minutes $=$ $\qquad$
Ex. $\qquad$ 8:35
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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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 $=\mathbf{8 : 2 0}$
And now we know the elapsed time!

Ex) $4: 45+3$ hours and 50 minutes $=$ $\qquad$

1) $2: 45+1$ hour and 55 minutes $=$ $\qquad$
2) $3: 25+1$ hour and 50 minutes $=$ $\qquad$
3) $2: 15+1$ hour and 50 minutes $=$ $\qquad$
4) $7: 05+3$ hours and 55 minutes $=$ $\qquad$
5) $7: 30+2$ hours and 55 minutes $=$ $\qquad$
6) $1: 50+2$ hours and 55 minutes $=$ $\qquad$
7) $1: 35+2$ hours and 50 minutes $=$ $\qquad$
8) $1: 45+3$ hours and 50 minutes $=$ $\qquad$
9) $7: 35+1$ hour and 50 minutes $=$ $\qquad$
10) $3: 10+3$ hours and 55 minutes $=$ $\qquad$
11) $7: 30-1$ hour and 50 minutes $=$ $\qquad$
12) $8: 55-2$ hours and 50 minutes $=$ $\qquad$
13) $8: 25-3$ hours and 55 minutes $=$ $\qquad$
14) 5:00-2 hours and 55 minutes $=$ $\qquad$
15) $10: 55-3$ hours and 55 minutes $=$ $\qquad$
16) $7: 15-1$ hour and 55 minutes $=$ $\qquad$
17) $6: 40-2$ hours and 55 minutes $=$ $\qquad$
18) $8: 55-1$ hour and 50 minutes $=$ $\qquad$
19) $9: 20-3$ hours and 50 minutes $=$ $\qquad$
20) 5:55 - 2 hours and 55 minutes $=$

3:00

Answers

Ex. $\qquad$ 8:35
1.

4:40
2. $\qquad$
5:15
3. $\qquad$
4:05
4. $11: 00$
5. 10:25
6.
$4: 45$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
11.
$5: 40$
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 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $41-20$ | 40 | 35 | 30 | 25 | 20 | 15 | 10 | 5 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |

