

Distance, Time and Temperature Part 3

Exercise Worksheet 5.3 Solutions

1. Solve the following:

i. $2 \text{ hr } 48 \text{ min} + 17 \text{ hr } 13 \text{ min} = 20 \text{ hr } 1 \text{ min}$

ii. $10 \text{ hr } 23 \text{ min} + 13 \text{ hr } 51 \text{ min} = 24 \text{ hr } 14 \text{ min}$

iii. $15 \text{ hr } 50 \text{ min} + 21 \text{ hr } 7 \text{ min} = 36 \text{ hr } 57 \text{ min}$

iv. $22 \text{ hr } 8 \text{ min} + 7 \text{ hr } 59 \text{ min} = 30 \text{ hr } 7 \text{ min}$

v. $9 \text{ hr } 53 \text{ min} + 20 \text{ hr } 22 \text{ min} = 30 \text{ hr } 15 \text{ min}$

vi. $9 \text{ hr } 55 \text{ min} + 17 \text{ hr } 54 \text{ min} = 27 \text{ hr } 49 \text{ min}$

vii. $15 \text{ hr } 15 \text{ min} + 1 \text{ hr } 39 \text{ min} = 16 \text{ hr } 54 \text{ min}$

viii. $1 \text{ hr } 56 \text{ min} + 14 \text{ hr } 16 \text{ min} = 16 \text{ hr } 12 \text{ min}$

ix. $13 \text{ hr } 56 \text{ min} + 21 \text{ hr } 30 \text{ min} = 35 \text{ hr } 26 \text{ min}$

x. $16 \text{ hr } 54 \text{ min} + 6 \text{ hr } 57 \text{ min} = 23 \text{ hr } 51 \text{ min}$

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2. Solve the following:

i. $22 \text{ hr } 22 \text{ min} - 7 \text{ hr } 31 \text{ min} = 14 \text{ hr } 51 \text{ min}$

ii. $12 \text{ hr } 46 \text{ min} - 1 \text{ hr } 12 \text{ min} = 11 \text{ hr } 34 \text{ min}$

iii. $23 \text{ hr } 28 \text{ min} - 6 \text{ hr } 4 \text{ min} = 17 \text{ hr } 24 \text{ min}$

iv. $19 \text{ hr } 4 \text{ min} - 3 \text{ hr } 40 \text{ min} = 15 \text{ hr } 24 \text{ min}$

v. $17 \text{ hr } 54 \text{ min} - 9 \text{ hr } 23 \text{ min} = 8 \text{ hr } 31 \text{ min}$

vi. $21 \text{ hr } 45 \text{ min} - 11 \text{ hr } 49 \text{ min} = 9 \text{ hr } 56 \text{ min}$

vii. $23 \text{ hr } 53 \text{ min} - 4 \text{ hr } 9 \text{ min} = 19 \text{ hr } 44 \text{ min}$

viii. $21 \text{ hr } 46 \text{ min} - 10 \text{ hr } 42 \text{ min} = 11 \text{ hr } 4 \text{ min}$

ix. $12 \text{ hr } 29 \text{ min} - 6 \text{ hr } 56 \text{ min} = 5 \text{ hr } 33 \text{ min}$

x. $12 \text{ hr } 22 \text{ min} - 9 \text{ hr } 56 \text{ min} = 2 \text{ hr } 26 \text{ min}$

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3. Solve the following:

i. $18 \text{ hr } 31 \text{ min } 54 \text{ sec} + 13 \text{ hr } 6 \text{ min } 36 \text{ sec} = 31 \text{ hr } 38 \text{ min } 30 \text{ sec}$

ii. $13 \text{ hr } 48 \text{ min } 6 \text{ sec} + 22 \text{ hr } 41 \text{ min } 2 \text{ sec} = 36 \text{ hr } 29 \text{ min } 8 \text{ sec}$

iii. $8 \text{ hr } 10 \text{ min } 55 \text{ sec} + 16 \text{ hr } 49 \text{ min } 31 \text{ sec} = 25 \text{ hr } 0 \text{ min } 26 \text{ sec}$

iv. $8 \text{ hr } 49 \text{ min } 47 \text{ sec} + 7 \text{ hr } 17 \text{ min } 2 \text{ sec} = 16 \text{ hr } 6 \text{ min } 49 \text{ sec}$

v. $21 \text{ hr } 52 \text{ min } 12 \text{ sec} + 6 \text{ hr } 53 \text{ min } 48 \text{ sec} = 28 \text{ hr } 46 \text{ min } 0 \text{ sec}$

vi. $4 \text{ hr } 16 \text{ min } 13 \text{ sec} + 7 \text{ hr } 33 \text{ min } 19 \text{ sec} = 11 \text{ hr } 49 \text{ min } 32 \text{ sec}$

vii. $10 \text{ hr } 30 \text{ min } 35 \text{ sec} + 10 \text{ hr } 27 \text{ min } 26 \text{ sec} = 20 \text{ hr } 58 \text{ min } 1 \text{ sec}$

viii. $10 \text{ hr } 34 \text{ min } 46 \text{ sec} + 18 \text{ hr } 40 \text{ min } 49 \text{ sec} = 29 \text{ hr } 15 \text{ min } 35 \text{ sec}$

ix. $23 \text{ hr } 51 \text{ min } 34 \text{ sec} + 6 \text{ hr } 54 \text{ min } 56 \text{ sec} = 30 \text{ hr } 46 \text{ min } 30 \text{ sec}$

x. $7 \text{ hr } 10 \text{ min } 16 \text{ sec} + 15 \text{ hr } 45 \text{ min } 30 \text{ sec} = 22 \text{ hr } 55 \text{ min } 46 \text{ sec}$

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4. Solve the following:

i. $18 \text{ hr } 14 \text{ min } 30 \text{ sec} - 4 \text{ hr } 7 \text{ min } 11 \text{ sec} = 14 \text{ hr } 7 \text{ min } 19 \text{ sec}$

ii. $17 \text{ hr } 51 \text{ min } 19 \text{ sec} - 7 \text{ hr } 54 \text{ min } 53 \text{ sec} = 9 \text{ hr } 56 \text{ min } 26 \text{ sec}$

iii. $22 \text{ hr } 47 \text{ min } 56 \text{ sec} - 5 \text{ hr } 26 \text{ min } 26 \text{ sec} = 17 \text{ hr } 21 \text{ min } 30 \text{ sec}$

iv. $22 \text{ hr } 58 \text{ min } 18 \text{ sec} - 4 \text{ hr } 24 \text{ min } 18 \text{ sec} = 18 \text{ hr } 34 \text{ min } 0 \text{ sec}$

v. $19 \text{ hr } 33 \text{ min } 26 \text{ sec} - 4 \text{ hr } 55 \text{ min } 51 \text{ sec} = 14 \text{ hr } 37 \text{ min } 35 \text{ sec}$

vi. $14 \text{ hr } 36 \text{ min } 56 \text{ sec} - 10 \text{ hr } 34 \text{ min } 16 \text{ sec} = 4 \text{ hr } 2 \text{ min } 40 \text{ sec}$

vii. $14 \text{ hr } 45 \text{ min } 47 \text{ sec} - 6 \text{ hr } 12 \text{ min } 59 \text{ sec} = 8 \text{ hr } 32 \text{ min } 48 \text{ sec}$

viii. $15 \text{ hr } 7 \text{ min } 10 \text{ sec} - 7 \text{ hr } 28 \text{ min } 32 \text{ sec} = 7 \text{ hr } 38 \text{ min } 38 \text{ sec}$

ix. $18 \text{ hr } 2 \text{ min } 8 \text{ sec} - 4 \text{ hr } 9 \text{ min } 14 \text{ sec} = 13 \text{ hr } 52 \text{ min } 54 \text{ sec}$

x. $13 \text{ hr } 49 \text{ min } 10 \text{ sec} - 11 \text{ hr } 58 \text{ min } 46 \text{ sec} = 1 \text{ hr } 50 \text{ min } 24 \text{ sec}$