DarTutors · Word Problems: Multi-Step Rational Numbers

Name: Date:

1. At noon, the altitude of a climbing party was -14m. By evening it rises by 11m. Overnight it falls by 12m further. What is the altitude of a climbing party the next morning?

2. At noon, the altitude of a climbing party was 15m. By evening it falls by 18m. Overnight it falls by 10m further. What is the altitude of a climbing party the next morning?

3. At noon, the altitude of a climbing party was 18m. By evening it rises by 14m. Overnight it rises by 10m further. What is the altitude of a climbing party the next morning?

4. At noon, the temperature was -19°C. By evening it falls by 6°C. Overnight it rises by 1°C further. What is the temperature the next morning?

5. At noon, a savings account balance was 12/-. By evening it falls by 12/-. Overnight it falls by 18/- further. What is a savings account balance the next morning?

6. At noon, the altitude of a climbing party was 12m. By evening it rises by 9m. Overnight it falls by 3m further. What is the altitude of a climbing party the next morning?

7. At noon, the altitude of a climbing party was -8m. By evening it falls by 8m. Overnight it falls by 12m further. What is the altitude of a climbing party the next morning?

8. At noon, the temperature was -15°C. By evening it falls by 16°C. Overnight it falls by 20°C further. What is the temperature the next morning?

9. At noon, the temperature was 20°C. By evening it falls by 2°C. Overnight it falls by 15°C further. What is the temperature the next morning?

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10. At noon, a savings account balance was 18/-. By evening it falls by 20/-. Overnight it rises by 2/- further. What is a savings account balance the next morning?

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1. -15m

2. -13m

3. 42m

4. -24°C

5. -18/-

6. 18m

7. -28m

8. -51°C

9. 3°C

10. 0/-

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