A. Look at the diagram below and circle the best answer.
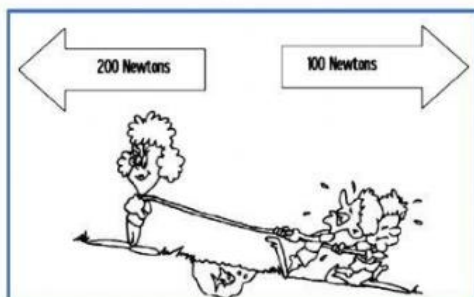
1. The forces shown are (pushing / pulling) forces. ☐
2. The forces shown are in the
   (same direction / opposite direction). ☐
3. The Resultant Force is (300N / 100N). ☐
4. The forces shown are
   (balanced / unbalanced) forces. ☐
5. The direction of the Resultant Force is to the
   (right / left). ☐

B. The stationary balls are being pushed by different forces. Calculate the resultant force and write the direction of its movement.

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1. 4 N, 2 N — Resultant Force: ☐   Direction: _____

2. 3 N, 8 N — Resultant Force: ☐   Direction: _____

3. 20 N, 20 N — Resultant Force: ☐   Direction: _____

4. 10 N, 7 N — Resultant Force: ☐   Direction: _____

5. 7 N, 5 N — Resultant Force: ☐   Direction: _____

6. 14 N, 14 N — Resultant Force: ☐   Direction: _____