The Trolls' Capacity Problems

I can solve problems involving addition and subtraction of millilitres.

Here are the results of the first 2 rounds of the 'Fill the Teacup' event from the Trolls' Sports Day. Each team tried to fill a teacup (which holds 250ml) using teaspoons and tablespoons.

Remember: 1 teaspoon = 5ml 1 tablespoon = 15ml 1 teacup = 250ml

Team A	Round 1	Round 2
Player 1	teaspoon	tablespoon
Player 2	teaspoon	tablespoon
Player 3	teaspoon	tablespoon
Player 4	tablespoon	tablespoon

Team B	Round 1	Round 2
Player 1	teaspoon	tablespoon
Player 2	tablespoon	teaspoon
Player 3	teaspoon	tablespoon
Player 4	tablespoon	teaspoon

1) How many millilitres did each team have in their teacup after Round 1?

Team A _____ ml Team B _____ ml

2) How many millilitres did Players 3 and 4 from Team A put in their teacup together in Rounds 1 and 2?

Players 3 and 4 from Team A put _____ ml in their teacup.

3) How many more millilitres does Team A need to add to fill their teacup?

Team A needs _____ ml more to fill their teacup.

4) How many more millilitres does Team B need to add to fill their teacup?

Team B needs _____ ml more to fill their teacup.

The Trolls' Capacity Problems

I can solve problems involving addition and subtraction of millilitres.

Here are the results of the first 3 rounds of the 'Fill the Teacup' event from the Trolls' Sports Day. Each team tried to fill a teacup (which holds 250ml) using teaspoons and tablespoons.

Remember: 1 teaspoon = 5ml 1 tablespoon = 15ml 1 teacup = 250ml

Team A	Round 1	Round 2	Round 3
Player 1	teaspoon	tablespoon	tablespoon
Player 2	teaspoon	tablespoon	teaspoon
Player 3	teaspoon	tablespoon	teaspoon
Player 4	tablespoon	tablespoon	teaspoon

Team B	Round 1	Round 2	Round 3
Player 1	teaspoon	tablespoon	tablespoon
Player 2	tablespoon	teaspoon	teaspoon
Player 3	teaspoon	tablespoon	tablespoon
Player 4	tablespoon	teaspoon	tablespoon

1) How many millilitres did each team have in their teacup after Rounds 1 and 2?

Team A _____ ml Team B _____ ml

2) How many millilitres did Players 2 and 3 from Team B put in their teacup altogether during Rounds 1, 2 and 3?

Players 2 and 3 from Team B put _____ ml in their teacup.

3) How many more millilitres does Team B need to add to fill their teacup?

Team B needs _____ ml more to fill their teacup.

4) How many more millilitres does Team A need to add to fill their teacup?

Team A needs _____ ml more to fill their teacup.

The Trolls' Capacity Problems

I can solve problems involving addition and subtraction of millilitres.

Here are the results of the first 3 rounds of the 'Fill the Teacup' event from the Trolls' Sports Day. Each team tried to fill a teacup (which holds 250ml) using teaspoons and tablespoons.

Remember: 1 teaspoon = 5ml 1 tablespoon = 15ml 1 teacup = 250ml

Team A	Round 1	Round 2	Round 3
Player 1	teaspoon	tablespoon	tablespoon
Player 2	teaspoon	tablespoon	teaspoon
Player 3	teaspoon	tablespoon	teaspoon
Player 4	tablespoon	tablespoon	teaspoon

Team B	Round 1	Round 2	Round 3
Player 1	teaspoon	tablespoon	tablespoon
Player 2	tablespoon	teaspoon	teaspoon
Player 3	teaspoon	tablespoon	tablespoon
Player 4	tablespoon	teaspoon	tablespoon

1) How many millilitres did each team have in their teacup after 3 rounds?

Team A _____ ml Team B _____ ml

2) How many millilitres did Players 3 and 4 from Team B put in their teacup altogether during Rounds 1, 2 and 3?

Players 3 and 4 from Team B put _____ ml in their teacup.

3) a) How many more millimetres does Team A need to add to fill their teacup?

Team A needs _____ ml more to fill their teacup.

b) How can they make this amount out of tablespoons and teaspoons? For example:
If 35 more ml was needed they could use 2 tablespoons and 1 teaspoon.

Team B	Round 1	Round 2	Round 3
Player 1	teaspoon	tablespoon	tablespoon
Player 2	tablespoon	teaspoon	teaspoon
Player 3	teaspoon	tablespoon	tablespoon
Player 4	tablespoon	teaspoon	tablespoon

4) a) How many more millimetres does Team B need to add to fill their teacup?

Team B needs _____ ml more to fill their teacup.

b) How can they make this amount out of tablespoons and teaspoons?

_____

_____