

First attempt / After introductory percentages

Task B

Guided practice / After introductory percentages

Date: _____ Time since earlier practice: _____

A club has 240 activity tokens. A delivery increases the number by 25%. The club then uses 20% of the new total. How many tokens remain? Is that more or less than the original number, or the same?

Work through these guided decisions. Record any help supplied.

1. Name the amount represented by 100% before the delivery.

2. Find the number delivered and the new total.

3. Name the amount represented by 100% when the club uses tokens.

4. Find the number used, the final number and its difference from 240.

5. Explain why subtracting the two percentage figures would misrepresent these instructions.

Help, calculator, prompts or answers seen:

Keep the first working. Record corrections separately. Use extra paper if needed.

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Question pack v1.0

Fresh task / After introductory percentages

Later return

Question pack v1.0

Task E

Compare two offers / After introductory percentages

Date: _____ Time since earlier practice: _____

Faith compares two invented offers for the same \$260 equipment set. Offer A discounts the equipment by 20%, then adds a \$12 delivery charge; the delivery charge receives no discount. Offer B discounts the equipment by 15% and includes delivery at no additional charge. No other charges apply. Which offer costs less, and by how much?

Explain what the percentage applies to in each offer and how you handled delivery. Then respond to this claim: "Offer A must save exactly 5% of \$260 compared with Offer B, because $20 - 15 = 5$."

Your working and explanation

Help, calculator, prompts or answers seen:

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