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| **Developing Fluency with Operations** | | | |
| Identifies the ultimate task(s)  in a problem  “The problem: Milo orders 3 novels online for $8.99 each. The website has a flat shipping fee of $5 within the province. There will be 5% GST added to the cost of the books and shipping but no provincial tax.  What will be the total cost of the purchase?  Ultimate task: calculate the total cost for the books, shipping, and taxes.” | Identifies the hidden tasks  in a problem  “The hidden tasks to determine the cost of Milo’s purchase are:  • calculate the cost of the 3 books   (3 × $8.99)  • add the shipping cost to get   a subtotal  • calculate the GST  • and the GST to the subtotal   to determine the total cost.” | Solves a problem by completing  the hidden tasks they identified  “The cost of the books Milo orders is  3 × $8.99 = $26.97  With the shipping cost, the subtotal is  $26.97 + $5 = $31.97  Rounded to the nearest cent,  the GST is:  0.05 × $31.97 ≈ $1.60  The total cost is:  $31.97 + $1.60 = $33.57.” | Identifies and corrects errors  in problem solutions  Is this solution correct?  100 – 62 ÷ 2 + 3 × 2  = 100 – 36 ÷ 2 + 6  = 64 ÷ 8  = 8  “The person has not followed the order of operations when they subtracted 36 and added 2 and 6. The correct solution is:  100 – 62 ÷ 2 + 3 × 2  = 100 – 36 ÷ 2 + 6  = 100 – 18 + 6  = 88” |
| **Observations/Documentation** | | | |
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