

23. **Represent Real-World Problems** Julio is playing a trivia game. On his first turn, he lost 100 points. On his second turn, he lost 75 points. On his third turn, he lost 85 points. Write a sum of three negative integers that models the change to Julio's score after his first three turns.
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FOCUS ON HIGHER ORDER THINKING

Work Area

24. **Multistep** On Monday, Jan made withdrawals of \$25, \$45, and \$75 from her savings account. On the same day, her twin sister Julie made withdrawals of \$35, \$55, and \$65 from *her* savings account.
- a. Write a sum of negative integers to show Jan's withdrawals on Monday. Find the total amount Jan withdrew.
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- b. Write a sum of negative integers to show Julie's withdrawals on Monday. Find the total amount Julie withdrew.
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- c. Julie and Jan's brother also withdrew money from his savings account on Monday. He made three withdrawals and withdrew \$10 more than Julie did. What are three possible amounts he could have withdrawn?
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25. **Communicate Mathematical Ideas** Why might you want to use the Commutative Property to change the order of the integers in the following sum before adding?

$$-80 + (-173) + (-20)$$

26. **Critique Reasoning** The absolute value of the sum of two different integers with the same sign is 8. Pat says there are three pairs of integers that match this description. Do you agree? Explain.
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