

Apples, Bananas, & Cherries (Relearning our ABC's)

Think of an expression as a bowl containing a variety of fruit. Combining Like Terms is the process of sorting the different kinds of fruits and then counting them. Our fruit bowl is filled with Cherries, Apples, & Bananas. In Way Cool Algebra it's possible to have negative fruit!

Simplify each expression by separating the fruit according to its kind and combining their numbers.

1) - 5🍌 + 17🍏 - 11🍒 - 4🍏 + 18🍒 - 8🍌 - 🍏		2) - 2🍒 + 9🍌 + 🍏 + 6🍌 + 6🍒 - 🍏
3) $2c - 5b - c + 9b + 16a - 7c + 12a$	4) $5b + 6a - 9 - 7c + 18a + 14c + b + 2$	5) $15a + 5b + (-10a)$
6) $c + c - 3a + 4b + 2c - c$	7) $8b + 3c - 13b + 10b - 25c - c$	8) $20a + 3c - 3a + 4b + 10a - 2b$
9) $2a + 12a - 5 + a$	10) $12 - 10m + m - 3$	11) $-4k - 8 + 4k$
12) $2p + 1 + 2p + 5$	13) $-12m + 5m$	14) $21 - 10x + 9 - 2x$
15) $3c - 5 - c$	16) $-8 + 4h + 1 - h$	17) $r + 2r + 3r - 7$
18) $8 + 2z + 4 + 3z$	19) $9 - 12p + 5p - 14 + 2$	20) $5m + 4b - 10$
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