What's your level?
Simplify each expression using the **distributive property**

1: \(-6(a + 8)\)

2: \(5(-5n + 7)\)

3: \(-3(-4 - 2p)\)

4: \(-3(2x - 11)\)

5: \(-10(12y - 6)\)

Notes:
- \(3(4x + 5) = 12x + 15\)
- Multiply
- Remember to double check you signs!
Simplify each expression by combining like terms

1: \(2g + 9 + 5g\)

2: \(5g - 8 - 4g\)

3: \(6 - 4r + 6r - 12\)

4: \(5f - 6 + 3f - 12\)

5: \(6x - 3 + 2y + 3y - 9x + 10\)
Simplify each expression by distributing *then* combining like terms

1: \[2(3b + 8) + 3b\]

2: \[-4(q - 2) - 9\]

3: \[4 - 2(6 - 3w)\]

4: \[6n - 5(2n + 3)\]
Write an expression to find the perimeter of the following figure:

6:

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5: \[ \frac{1}{2} \left( \frac{2}{3} g + 8 \right) + \frac{1}{6} g \]
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7:

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2(5y + 1)
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8:

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x + 3
```

Perimeter = 6x
Super Human Name:________________

You are faster than a speeding bullet and can simplify in a single bound.

1: \[3(2x - 3) - 4(x + 5)\]

2: \[-2(5 - x) + 4(3x + 1)\]

3: \[1.1(1.1g + 3) - 1.2(3g + 1)\]

4: \[
\frac{2}{3}\left(\frac{1}{2}x - 9\right) - \frac{1}{2}\left(-12 + \frac{2}{3}x\right)
\]

5: \[
\frac{1}{2}\left(\frac{2}{3}x + \frac{1}{6}\right) - \frac{1}{3}\left(\frac{1}{2}x + \frac{3}{4}\right)
\]