

Equal or Not Equal

Answer each question. Tell why or why not.

You know:	Does:
1. $61 + 27 = 88$	$61 + 27 - 8 = 88 \times 8?$
2. $76 - 59 = 17$	$(76 - 59) + 12 = 17 - 12?$
3. $24 \times 6 = 144$	$(24 \times 6) - 72 = 144 - 72?$
Given the equation:	Does:
4. $15 \times w = 105$	$15 \times w + 51 = 105 + 51$
5. $57 + x = 202$	$57 + x - 13 = 202 - 13$
6. $w + 9 = 27$	$(w + 9) \times 4 = 27 + 4$

Circle the correct letter for each answer.

7. What could you do to the equation $40 \times y = 320$ to keep the sides equal?

- A $(40 \times y) \times 2 = 320 \times 2$
- B $(40 \times y) + 3 = 320 - 3$
- C $(40 \times y) \div 8 = 320 - 8$
- D $(40 \times y) + 12 = 320 + 18$

8. **Writing to Explain** If you start with an unbalanced scale and add the same amount to each side, what happens to the scale?
