LESSON 5

Operations and Properties

Practice B: Properties and Mental Math

Simplify.

1. $17 + 4 \times 5$

2. $25 \times 3 \times 4$

3. $28 + 39 + 11 + 22$

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4. $12 + 7 + 8 + 13$

5. $10 + 3 \times 2$

6. $9 \times 8 \times 5$

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7. $97 + 4 + 3 + 26$

8. $2 \times 6 \times 5$

9. $28 + 2 \times 6$

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Use the Distributive Property to find each product.

10. 4×16

11. 8×31

12. 3×62

13. 2×46

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14. 5×29

15. 7×22

16. 9×21

17. 6×15

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18. 8×44

19. 4×29

20. 7×31

21. 5×57

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22. Each ticket to a play costs $27. How much will it cost to buy 4 tickets? Which property did you use to solve this problem with mental math?

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23. Mr. Stanley bought two cases of pencils. Each case has 20 boxes. In each box there is 10 pencils. Use mental math to find how many pencils Mr. Stanley bought.

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24. When you consider that cows eat grass and the water needed to grow the grass that cows eat, it takes 65 gallons of water to produce one serving of milk! Use mental math to find how many gallons of water are needed to produce 5 servings of milk.

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