NAME_____

CLASS_____SCORE_____GRADE_____

_____

1. Tell which integers correspond to this situation: Dan won $5000 in a stock car race. He paid $200 to enter the race.

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Use < or > for ☐ to write a true sentence.

2. -9 ☐ -12

3. -8 ☐ -10

Find the absolute value.

4. $|15|$

5. $|-6|$

6. Find $-x$ when $x = -36$.

Compute and simplify.

7. $-12 + (-9)$

8. $14 + (-3)$

9. $-18 + 5$

10. $-10 + 10$

11. $-5 - 6$

12. $-6 - (-15)$

13. $3 - (-4)$

14. $8 - 20$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

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Compute and simplify.

15. _____

15. $-5 \cdot 0$ 16. $-9 \cdot (-6)$

16. _____

17. $(-3)^4$ 18. $(-3)(-2)(-4)$

17. _____

19. $\dfrac{-120}{5}$ 20. $32 \div 8 \cdot (-2) - 5^2$

18. _____

19. _____

21. Evaluate $4x - 9y$ for $x = -4$ and $y = 3$.

20. _____

22. Use the distributive law to write an equivalent expression:
     $-2(x - 7y + 8)$.

21. _____

22. _____

23. Combine like terms: $-3a + 4 - 5a - 6$.

23. _____

24. Find the perimeter of a 11-in. by 14-in. sheet of paper.

24. _____

25. The coldest day in Johnson in January was –15°F. The coldest
     day in February was –8°F. How much colder was the low
     temperature in January than the low temperature in February?

25. _____

Solve.

26. _____

26. $-3m = -18$ 27. $y - 6 = 54$ 28. $2x + 3 = 15$

27. _____

28. _____

_____

29. Simplify: $5 - 6[3x + 2(2 - x)] + 3x$.

29. _____