

Summer Packet - 7th into 8th grade

13. $\frac{-144}{12} = \underline{\hspace{2cm}}$

14. $-53 + 20 + -7 + -14 + 13 = \underline{\hspace{2cm}}$

15. $(0)(-24) = \underline{\hspace{2cm}}$

16. $-137 - 45 = \underline{\hspace{2cm}}$

17. $0 \div -12 = \underline{\hspace{2cm}}$

Absolute Value

Absolute Value - the distance a number is from zero on the number line.

Ask yourself: How far is the number from zero?

$|31| = 31$

$|-16| = 16$

$|-12 + 8| = |-4| = 4$

18. $|-1234| = \underline{\hspace{2cm}}$

19. $|97| = \underline{\hspace{2cm}}$

20. $|20 + -25| = \underline{\hspace{2cm}}$

21. $|-7| + |13| = \underline{\hspace{2cm}}$

Order of Operations

Parentheses (), Brackets [], Braces { }

Exponents

M > Multiply and divide from left to right

D

A > Add and subtract from left to right

S

22. $12 \div 3 + 12 \div 4 = \underline{\hspace{2cm}}$

23. $(21 \div 7 + 4) \cdot 11 = \underline{\hspace{2cm}}$

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24. $96 \div 12(4) \div 2^2 =$ _____

25. $\frac{86-11}{9+6} =$ _____

26. $6 + 5^2 - 2 =$ _____

27. $7[(12 + 5) - 3(4)] =$ _____

28. $144 \div 16 \cdot 9 \div 3 =$ _____

29. $-15 - 8 + -4 - -6 =$ _____

30. $(20 - 9 + 28 - 17 + 7 - 24)^2 \div (99 \div 33 + 2) =$ _____

31. $(-72 \div 9)(-15 \div -5) =$ _____

32. $-6[7 - (-225 \div 15) \cdot 3] =$ _____

33. $(5 + -18 \cdot 2)(16 - 4^2) =$ _____

34. $\frac{-36 \div 2^2}{67 - 70} =$ _____

35. $40 \div 8 - 3 \cdot 5 + 7 =$ _____