

ANSWER KEY

Complete the indicated operation:

1. $-7 + 2 = \underline{-5}$ 2. $14 \div (-7) = \underline{-2}$ 3. $7 - (-7) = \underline{14}$
4. $-4 \cdot (-8) = \underline{32}$ 5. $-3 + 3 = \underline{0}$ 6. $5 - 10 = \underline{-5}$
7. $9 \cdot (-1) = \underline{-9}$ 8. $-30 \div (-5) = \underline{6}$ 9. $0 - (-9) = \underline{9}$
10. $0 \div (-11) = \underline{0}$ 11. $-4 + (-10) = \underline{-14}$ 12. $-6 \cdot 3 = \underline{-18}$
13. $-20 \div 5 \div (-4) = \underline{1}$ 14. $-2 - (-4) + (-1) = \underline{1}$ 15. $0 \cdot (-6) \div (-2) = \underline{0}$
16. $-4 + 1 - (-3) = \underline{0}$ 17. $6 \div (-1) \cdot 3 \div (-2) = \underline{9}$ 18. $4 - 6 + 8 - 9 = \underline{-3}$
19. $6 \cdot (-4) \div (-3) \cdot (-2) \div 4 = \underline{-4}$ 20. $-5 + (-4) - (-3) + (-2) - 4 = \underline{-12}$

21. Sometimes, Always, Never:

When adding two negative integers, the sum is never positive.

22. Sometimes, Always or Never:

When dividing a negative integer by a positive integer, the quotient is always negative.

23. Sometimes, Always or Never:

When subtracting two positive integers, the difference is sometimes negative.

24. Sometimes, Always or Never:

When multiplying a negative integer by a positive integer, the product is never zero.

For #25 – 30, use $>$, $<$, or $=$ in each circle to make a true statement.

25. $5 + (-2) \text{ (} > \text{)} 9 \div (-3)$ 26. $-15 \div 3 \text{ (} < \text{)} -6 - (-3)$ 27. $3 + (-2) \text{ (} < \text{)} -1 \cdot (-3)$
28. $8 \cdot (-2) \text{ (} < \text{)} -10 - (-6)$ 29. $-1 + -3 \text{ (} < \text{)} -32 \div (-8)$ 30. $4 - 13 \text{ (} = \text{)} -3 \cdot 3$