

ANSWER KEY

Complete the indicated division:

1. $-6 \div 2 = \underline{-3}$ 2. $14 \div -7 = \underline{-2}$ 3. $7 \div 7 = \underline{1}$
4. $-24 \div (-8) = \underline{3}$ 5. $-30 \div 3 = \underline{-10}$ 6. $(-25) \div (-5) = \underline{5}$
7. $4 \div (-1) = \underline{-4}$ 8. $-35 \div (-5) = \underline{7}$ 9. $-27 \div 9 = \underline{-3}$
10. $0 \div -11 = \underline{0}$ 11. $40 \div (-10) = \underline{-4}$ 12. $-18 \div (-3) = \underline{6}$
13. $-40 \div 5 \div (-4) = \underline{2}$ 14. $-28 \div (-7) \div -1 = \underline{-4}$ 15. $0 \div (-8) \div (-2) = \underline{0}$
16. $-4 \div 1 \div (-2) = \underline{2}$ 17. $(6 \div 1) \div (-8 \div 4) = \underline{-3}$ 18. $0 \div (-6 \div 2) = \underline{0}$
19. $|-12| \div (-4) = \underline{-3}$ 20. $|10| \div |-2| \div (-5) = \underline{-1}$ 21. $-9 \div |-3| \div -3 \div 1 = \underline{1}$

22. Sometimes, Always, Never:

When dividing two negative integers, the quotient is always positive.

23. Sometimes, Always or Never:

When dividing a positive integer by a negative integer, the quotient is never positive.

24. Sometimes, Always or Never:

When dividing an integer by zero, the quotient is never zero.

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

25. $0 \div 2 \text{ (} > \text{)} 9 \div (-3)$ 26. $-15 \div 3 \text{ (} < \text{)} -6 \div (-3)$ 27. $(-4) \div (-2) \text{ (} < \text{)} (8) \div (1)$
28. $63 \div (-9) \text{ (} < \text{)} 1 \div (-1)$ 29. $-6 \div |-2| \text{ (} < \text{)} 1 \div |-1|$ 30. $-16 \div |4| \text{ (} = \text{)} -16 \div |-4|$