

Name: _____

KEY

Practice Test

Find each sum.

1. $-4 + 18 = 14$

2. $3 + (-1) = 2$

3. $-8 + -10 = -18$

4. $-8 + 102 = 94$

5. $-6 + (-5) + (-73) = -84$

6. $.9 + -1.6 = -.7$

7. $| -8 | + 15 = 23$
 $8 + 15$

8. $5 + | -1 | + | 18 | = 24$
 $5 + 1 + 18$

9. $\frac{-2}{5} + \frac{2}{3}$

$$\frac{-6}{15} + \frac{10}{15} = \boxed{\frac{4}{15}}$$

10. $\frac{3}{4} + \frac{-1}{12}$

$$\frac{9}{12} + \frac{-1}{12} = \frac{8}{12} = \boxed{\frac{2}{3}}$$

Find the difference.

11. $7 - 1 = 6$

12. $-90 - (-12) = -78$
 $-90 + 12$

13. $-6 - (-78) - 6 = 66$
 $-6 + 78 + -6 = 66$

14. $-9 - 8.2 = -17.2$

15. $78.65 - (-45.6) = 124.25$

16. $1.9 - (.7) - (.8) - .5 = .1$

17. $| -15 | - | -8 | = 7$
 $15 - 8$

18. $| 7 | - 3 - | -102 | = -98$
 $7 + 3 + -102 = -98$

19. $\frac{-1}{8} - \frac{-2}{5}$

$$\frac{-5}{40} + \frac{16}{40} = \frac{11}{40}$$

20. $-3\frac{1}{3} - 2\frac{1}{8}$

$$-\frac{10}{3} + -\frac{17}{8}$$

$$\frac{-80}{24} + \frac{-51}{24} = \frac{-131}{24} = \boxed{-5\frac{11}{24}}$$

Multiply or Divide.

21. $(5)(-6)$

-30

22. $-30 \div -5$

6

23. $-27 \div 3$

-9

24. $(-8)(1)(-10)$

80

25. $\frac{-4}{3} \cdot \frac{3}{16}$ $-\frac{1}{12}$

26. $\frac{-2}{5} \cdot \frac{-5}{8} \cdot \frac{-10}{25}$
 $-\frac{1}{10}$

27. $4\frac{1}{5} \times 4\frac{2}{7}$
 $\frac{21}{5} \cdot \frac{30}{7}$
 $\frac{18}{1} = 18$

28. $\frac{6}{19} \div -3$

$\frac{2}{19} \cdot -\frac{1}{3}$
 $-\frac{2}{19}$

29. $\frac{7}{16} \div \frac{-14}{18}$

$\frac{7}{16} \cdot \frac{18}{-14}$
 $-\frac{9}{16}$

30. $2\frac{1}{3} \div \frac{-7}{9}$

$\frac{7}{3} \cdot -\frac{9}{7}$
 $= -3$

Use Order of Operations

31. $30 - 6 + 3 \cdot 5$

$30 - 6 + 15$
 $24 + 15$
 39

32. $3^2(5+1)$

$9(6)$
 54

33. $(4 - 1 + 9 \cdot 2^2) \div (2 \cdot 3)$

$(4 - 1 + 9 \cdot 4)$
 $(4 - 1 + 36)$
 $3 + 36$
 $(39) \div 6$
 $\frac{39}{6} = 6\frac{3}{6}$
 $= 6\frac{1}{2}$