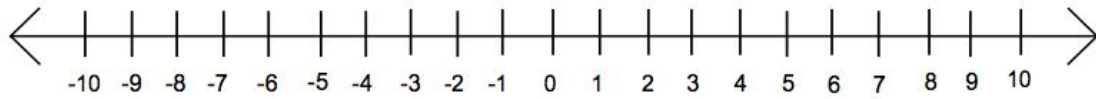


Negative Numbers (1)



Subtraction

1. $5 - 3 =$
2. $5 - 5 =$
3. $5 - 6 =$
4. $5 - 12 =$
5. $4 - 1 =$
6. $4 - 8 =$
7. $3 - 9 =$
8. $2 - 6 =$
9. $1 - 3 =$
10. $4 - 8 =$

Addition

11. $(-4) + 3 =$
12. $(-2) + 5 =$
13. $(-3) + 2 =$
14. $(-1) + 6 =$
15. $(-3) + 2 =$
16. $(-4) + 7 =$
17. $(-5) + 6 =$
18. $(-2) + 4 =$
19. $(-2) + 5 =$
20. $(-4) + 6 =$

Addition / Subtraction

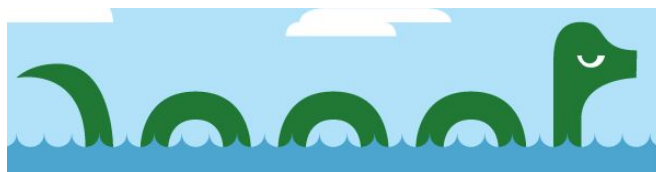
21. $(-4) + 2 =$
22. $(-8) + 2 =$
23. $(-3) - 5 =$
24. $(-1) - 9 =$
25. $(-2) + 6 =$
26. $(-3) + 8 =$
27. $4 - 5 =$
28. $(-3) + 5 =$
29. $3 - 9 =$
30. $(-3) - 4 =$
31. $(-2) - 6 =$
32. $(-1) + 3 =$
33. $6 - 7 =$
34. $(-4) - 1 =$
35. $(-3) + 2 =$
36. $(-4) - 2 =$
37. $5 - 2 =$
38. $3 - 5 =$
39. $(-3) + 4 =$
40. $(-1) - 4 =$

Adding negatives

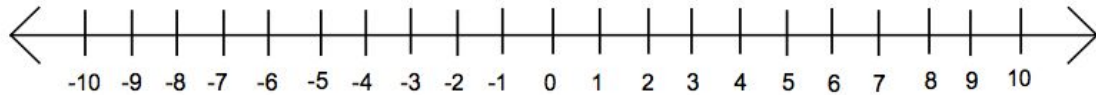
41. $4 + (-2) =$
42. $3 + (-5) =$
43. $6 + (-1) =$
44. $2 + (-3) =$
45. $9 + (-1) =$
46. $(-5) + (-5) =$
47. $(-3) + (-8) =$
48. $(-2) + (-1) =$
49. $(-6) + (-2) =$
50. $(-1) + (-3) =$

Mixed

51. $(-3) + 7 =$
52. $(-2) + 7 =$
53. $5 - 8 =$
54. $11 + (-4) =$
55. $(-3) + (-4) =$
56. $5 + (-4) =$
57. $3 - 11 + (-4) =$
58. $4 + 4 + (-2) =$
59. $11 + (-4) + 2 =$
60. $3 - 11 + (-4) =$



Negative Numbers (2)



Addition / Subtraction

1. $5 - 3 =$
2. $5 - (-3) =$
3. $(-5) - (-2) =$
4. $4 - (-3) =$
5. $3 - 6 =$
6. $2 - (-3) =$
7. $1 - (-3) =$
8. $4 - (-3) =$
9. $3 - (-5) =$
10. $(-3) - (-2) =$

Multiplication

11. $3 \times (-2) =$
12. $2 \times (-5) =$
13. $(-5) \times 5 =$
14. $(-4) \times 5 =$
15. $7 \times 5 =$
16. $7 \times (-5) =$
17. $(-7) \times 5 =$
18. $(-3) \times (-9) =$
19. $(-3) \times (-4) =$

20. $(-2) \times (-6) =$
21. $(-1) \times 3 =$
22. $6 \times (-7) =$
23. $(-4) \times (-1) =$
24. $(-3) \times 2 =$
25. $(-4) \times (-2) =$
26. $(-5) \times (-2) =$
27. $(-3) \times 5 =$
28. $(-3) \times (-4) =$
29. $(-1) \times (-4) =$
30. $(-6) \times 3 =$

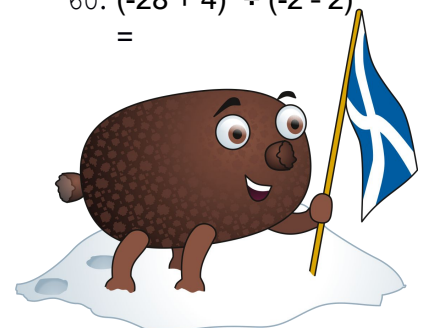
Division

31. $14 \div 2 =$
32. $(-14) \div 2 =$
33. $(-12) \div 6 =$
34. $10 \div 5 =$
35. $(-10) \div 5 =$
36. $12 \div 2 =$
37. $12 \div (-2) =$
38. $15 \div (-3) =$
39. $15 \div (-5) =$
40. $(-12) \div (-6) =$

41. $(-21) \div (-3) =$
42. $(-18) \div (-6) =$
43. $(-20) \div (-4) =$
44. $12 \times (-3) =$
45. $(-30) \div 3 =$
46. $(-7) \times (-3) =$
47. $(-5) \times (-3) =$
48. $8 \div (-2) =$
49. $(-20) \times (-3) =$
50. $(-28) \div (-2) =$

Mixed

51. $(-7) + (-3 - 3) =$
52. $(-5) \times (-3 + 2) =$
53. $8 \div (4 - 2) =$
54. $(-20 + 10) \times (-3) =$
55. $(-28 \div 2) \div (-2) =$
56. $(-7 + 1) \times (-3) =$
57. $(-5 + 2) \times (-3) =$
58. $8 \div (-2 + 4) =$
59. $(-20 \times 2) \times (-3) =$
60. $(-28 + 4) \div (-2 - 2) =$



Negative Numbers (3)

Addition /

Subtraction

1. $3 - 3.1$
2. $3.2 - (-3)$
3. $3\frac{1}{2} - 4$
4. $3 - (-4\frac{1}{2})$
5. $3 - 2.4$
6. $3.2 - (-2)$
7. $(-3) + (-3)$
8. $(-3) - 6\frac{1}{2}$
9. $3 + (-3\frac{1}{2})$
10. $3\frac{1}{2} - (-3\frac{1}{2})$

Multiplication

11. $(-1) \times 13$
12. $(-3) \times 20$
13. $(-40) \times (-2)$
14. $(-50) \times (-2)$
15. $(-13) \times 15$
16. $(-30) \times (-4)$
17. $(-1.1) \times 13$
18. $2.2 \times (-7)$
19. $(-4.1) \times (-2)$
20. $(-3\frac{1}{2}) \times 4$
21. $(-5\frac{1}{2}) \times (-2)$
22. $(-3) \times 15.1$
23. $(-3\frac{1}{2}) \times (-4)$

24. $(-1\frac{1}{2}) \times (-4\frac{1}{2})$
25. $(-6.1) \times 3\frac{1}{2}$

Division

26. $140 \div 2$
27. $(-11) \div 2$
28. $(-120) \div 60$
29. $10 \div 50$
30. $(-10) \div 50$
31. $12 \div 20$
32. $12 \div (-20)$
33. $15 \div (-300)$
34. $(-12.3) \div 3$
35. $(-12.3) \div (-3)$
36. $(-18.6) \div (-6)$
37. $(-2\frac{1}{2}) \div 5$
38. $(-6) \div (-4)$
39. $(-18\frac{1}{2}) \div (-2)$
40. $(20) \div (-\frac{1}{2})$

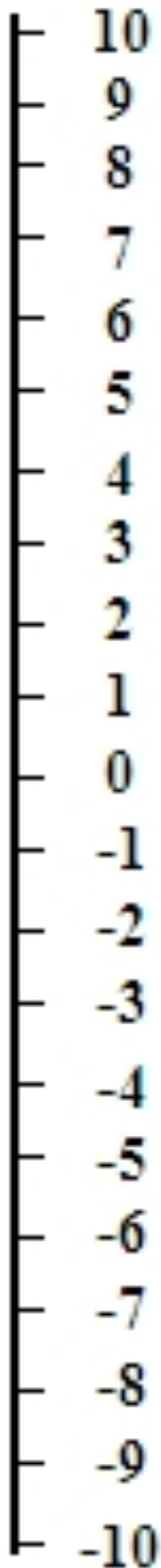
Mixed

41. $(-3) - 1.9$
42. $3\frac{1}{4} - (-3)$
43. $(-3\frac{1}{2}) - 4\frac{1}{4}$
44. $140\frac{1}{4} \div (-2)$
45. $4\frac{1}{4} \times (-2)$

46. $(-12) \div 60$
47. $(42\frac{1}{2}) \div (-2)$
48. $(-6.8) \div (-4)$
49. $(-18.5) \div (-2)$
50. $(20.4) \div (-\frac{1}{2})$
51. $(-10\frac{1}{2}) \times (-2)$
52. $(-6.45) \times 3$
53. $3.2 - (-2\frac{1}{4})$
54. $(-3) + (-3\frac{1}{4})$
55. $(-3\frac{1}{4}) - (6\frac{1}{2})$
56. $(-30) \times (-25)$
57. $(-1) \times (-401)$
58. $(-1.2) \div 60$
59. $1 \div (-200)$
60. $(2 \div (-3)) \times (-3 \times 10)$



Negative Numbers - Revision



Adding/Subtracting

Start with the first number, then move up or down the number line.

Example:

$$4 - 7 \\ = -3$$

1. $5 - 7$
2. $4 - 5$
3. $3 - 9$
4. $(-3) + 5$
5. $(-3) + 4$
6. $(-2) + 4$
7. $(-2) - 4$
8. $6 - 6$

Adding negatives

Replace a touching + and - sign with a minus sign.

Example:

$$5 + (-3) \\ = 5 - 3 \\ = 2$$

9. $8 + (-5)$
10. $9 + (-3)$
11. $4 + (-5)$
12. $2 + (-4)$
13. $(-2) + (-4)$

14. $(-2) + (-1)$

15. $6 + (-6)$

16. $(-4) + (-5)$

Subtracting negatives

Replace a touching - and - sign with a plus sign.

Example:

$$5 - (-3) \\ = 5 + 3 \\ = 8$$

17. $4 - (-5)$

18. $3 - (-2)$

19. $5 - (-5)$

20. $(-3) - (-4)$

21. $(-2) - (-4)$

22. $(-2) - (-4)$

23. $6 - (-6)$

24. $(-4) - (-5)$

Mixed

25. $5 + (-5)$

26. $(-3) - (-4)$

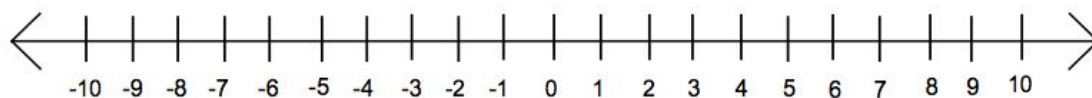
27. $(-2) - 4$

28. $(-5) + (-4)$

29. $(-6) - (-6)$

30. $4 - (-5)$

Negative Numbers (1)



Subtraction

1. $5 - 3 = 2$
2. $5 - 5 = 0$
3. $5 - 6 = -1$
4. $5 - 12 = -7$
5. $4 - 1 = 3$
6. $4 - 8 = -4$
7. $3 - 9 = -6$
8. $2 - 6 = -4$
9. $1 - 3 = -2$
10. $4 - 8 = -4$

Addition

11. $(-4) + 3 = -1$
12. $(-2) + 5 = 3$
13. $(-3) + 2 = -1$
14. $(-1) + 6 = 5$
15. $(-3) + 2 = -1$
16. $(-4) + 7 = 3$
17. $(-5) + 6 = 1$
18. $(-2) + 4 = 2$
19. $(-2) + 5 = 3$
20. $(-4) + 6 = 2$

Addition / Subtraction

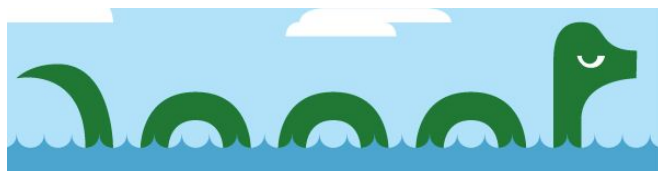
21. $(-4) + 2 = -2$
22. $(-8) + 2 = -6$
23. $(-3) - 5 = -8$
24. $(-1) - 9 = -10$
25. $(-2) + 6 = 4$
26. $(-3) + 8 = 5$
27. $4 - 5 = -1$
28. $(-3) + 5 = 2$
29. $3 - 9 = -6$
30. $(-3) - 4 = -7$
31. $(-2) - 6 = -8$
32. $(-1) + 3 = 2$
33. $6 - 7 = -1$
34. $(-4) - 1 = -5$
35. $(-3) + 2 = -1$
36. $(-4) - 2 = -6$
37. $5 - 2 = 3$
38. $3 - 5 = -2$
39. $(-3) + 4 = 1$
40. $(-1) - 4 = -5$

Adding negatives

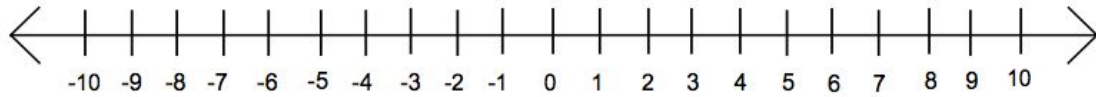
41. $4 + (-2) = 2$
42. $3 + (-5) = -2$
43. $6 + (-1) = 5$
44. $2 + (-3) = -1$
45. $9 + (-1) = 8$
46. $(-5) + (-5) = -10$
47. $(-3) + (-8) = -11$
48. $(-2) + (-1) = -3$
49. $(-6) + (-2) = -8$
50. $(-1) + (-3) = -4$

Mixed

51. $(-3) + 7 = 4$
52. $(-2) + 7 = 5$
53. $5 - 8 = -3$
54. $11 + (-4) = 7$
55. $(-3) + (-4) = -7$
56. $5 + (-4) = 1$
57. $3 - 11 + (-4) = -12$
58. $4 + 4 + (-2) = 6$
59. $11 + (-4) + 2 = 9$
60. $3 - 11 + (-4) = -12$



Negative Numbers (2)



Addition / Subtraction

1. $5 - 3 = 2$
2. $5 - (-3) = 8$
3. $(-5) - (-2) = -3$
4. $4 - (-3) = 7$
5. $3 - 6 = -3$
6. $2 - (-3) = 5$
7. $1 - (-3) = 4$
8. $4 - (-3) = 7$
9. $3 - (-5) = 8$
10. $(-3) - (-2) = -1$

Multiplication

11. $3 \times (-2) = -6$
12. $2 \times (-5) = -10$
13. $(-5) \times 5 = -25$
14. $(-4) \times 5 = -20$
15. $7 \times 5 = 35$
16. $7 \times (-5) = -35$
17. $(-7) \times 5 = -35$
18. $(-3) \times (-9) = 27$
19. $(-3) \times (-4) = 12$
20. $(-2) \times (-6) = 12$

21. $(-1) \times 3 = -3$
22. $6 \times (-7) = -42$
23. $(-4) \times (-1) = 4$
24. $(-3) \times 2 = -6$
25. $(-4) \times (-2) = 8$
26. $(-5) \times (-2) = 10$
27. $(-3) \times 5 = -15$
28. $(-3) \times (-4) = 12$
29. $(-1) \times (-4) = 4$
30. $(-6) \times 3 = -18$

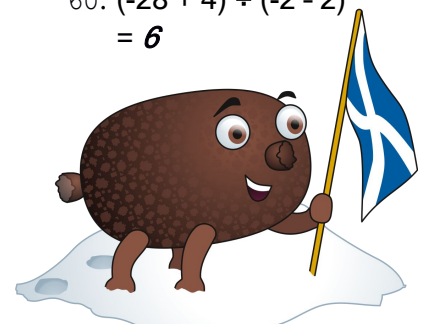
Division

31. $14 \div 2 = 7$
32. $(-14) \div 2 = -7$
33. $(-12) \div 6 = -2$
34. $10 \div 5 = 2$
35. $(-10) \div 5 = -2$
36. $12 \div 2 = 6$
37. $12 \div (-2) = -6$
38. $15 \div (-3) = -5$
39. $15 \div (-5) = -3$
40. $(-12) \div (-6) = 2$
41. $(-21) \div (-3) = 7$

42. $(-18) \div (-6) = 4$
43. $(-20) \div (-4) = 5$
44. $12 \times (-3) = -36$
45. $(-30) \div 3 = -10$
46. $(-7) \times (-3) = 21$
47. $(-5) \times (-3) = 15$
48. $8 \div (-2) = -4$
49. $(-20) \times (-3) = 60$
50. $(-28) \div (-2) = -14$

Mixed

51. $(-7) + (-3 - 3) = -13$
52. $(-5) \times (-3 + 2) = 5$
53. $8 \div (4 - 2) = 4$
54. $(-20 + 10) \times (-3) = 30$
55. $(-28 \div 2) \div (-2) = 7$
56. $(-7 + 1) \times (-3) = 18$
57. $(-5 + 2) \times (-3) = 9$
58. $8 \div (-2 + 4) = 4$
59. $(-20 \times 2) \times (-3) = 120$
60. $(-28 + 4) \div (-2 - 2) = 6$



Negative Numbers (3)

Addition /

Subtraction

1. $3 - 3.1 = -0.1$
2. $3.2 - (-3) = 6.2$
3. $3\frac{1}{2} - 4 = -\frac{1}{2}$
4. $3 - (-4\frac{1}{2}) = 7\frac{1}{2}$
5. $3 - 2.4 = 0.6$
6. $3.2 - (-2) = 5.2$
7. $(-3) + (-3) = -6$
8. $(-3) - 6\frac{1}{2} = -9\frac{1}{2}$
9. $3 + (-3\frac{1}{2}) = -\frac{1}{2}$
10. $3\frac{1}{2} - (-3\frac{1}{2}) = 7$

Multiplication

11. $(-1) \times 13 = -13$
12. $(-3) \times 20 = -60$
13. $(-40) \times (-2) = 80$
14. $(-50) \times (-2) = 100$
15. $(-13) \times 15 = -185$
16. $(-30) \times (-4) = 120$
17. $(-1.1) \times 13 = -14.3$
18. $2.2 \times (-7) = -15.4$
19. $(-4.1) \times (-2) = 8.2$
20. $(-3\frac{1}{2}) \times 4 = -14$
21. $(-5\frac{1}{2}) \times (-2) = 11$
22. $(-3) \times 15.1 = -45.3$

23. $(-3\frac{1}{2}) \times (-4) = 14$

24. $(-1\frac{1}{2}) \times (-4\frac{1}{2}) = 6.75$

25. $(-6.1) \times 3\frac{1}{2} = -21.35$

Division

26. $140 \div 2 = 70$

27. $(-11) \div 2 = -5\frac{1}{2}$

28. $(-120) \div 60 = -2$

29. $10 \div 50 = 0.2$

30. $(-10) \div 50 = -0.2$

31. $12 \div 20 = 0.6$

32. $12 \div (-20) = -0.6$

33. $15 \div (-300) = -0.05$

34. $(-12.3) \div 3 = -4.1$

35. $(-12.3) \div (-3) = 4.1$

36. $(-18.6) \div (-6) = 3.1$

37. $(-2\frac{1}{2}) \div 5 = -0.5$

38. $(-6) \div (-4) = 1.5$

39. $(-18\frac{1}{2}) \div (-2) = 9.25$

40. $(20) \div (-\frac{1}{2}) = -40$

Mixed

41. $(-3) - 1.9 = -4.9$

42. $3\frac{1}{4} - (-3) = 6.25$

43. $(-3\frac{1}{2}) - 4\frac{1}{4} = -7.75$

44. $140\frac{1}{4} \div (-2) = -70.25$

45. $4\frac{1}{4} \times (-2) = -8.5$

46. $(-12) \div 60 = -0.2$

47. $(42\frac{1}{2}) \div (-2) = -21.25$

48. $(-6.8) \div (-4) = 1.7$

49. $(-18.5) \div (-2) = 9.25$

50. $(20.4) \div (-\frac{1}{2}) = -40.8$

51. $(-10\frac{1}{2}) \times (-2) = 21$

52. $(-6.45) \times 3 = -19.35$

53. $3.2 - (-2\frac{1}{4}) = 5.45$

54. $(-3) + (-3\frac{1}{4}) = -6.25$

55. $(-3\frac{1}{4}) - (6\frac{1}{2}) = -9.75$

56. $(-30) \times (-25) = 750$

57. $(-1) \times (-401) = 401$

58. $(-1.2) \div 60 = -0.02$

59. $1 \div (-200) = -0.005$

60. $(2 \div (-3)) \times (-3 \times 10) = 20$