MULTIPLYING INTEGERS - A

ANSWERS - PAGE 1

EXAMPLE #1

4 • (- 6) = 4 x 6 = 24 = (- 24)

YOU HAVE A POSITIVE FOUR AND A NEGATIVE SIX.

MULTIPLY THE NUMBERS, 4 X 6 = 24.

WHEN MULTIPLYING, A "+" AND A "-" MAKES A NEGATIVE NUMBER.

MULTIPLY AND DIVIDE RULES

IF THE SIGNS ARE THE SAME, THE ANSWER IS POSITIVE.
IF THE SIGNS ARE DIFFERENT, THE ANSWER IS NEGATIVE.

EXAMPLE #2

(- 3) • (- 2) = (3) (2) = 6 = + 6

YOU HAVE A NEGATIVE THREE AND A NEGATIVE TWO.

MULTIPLY THE NUMBERS, 3 X 2 = 6.

WHEN MULTIPLYING, A "-" AND A "-" MAKES A POSITIVE NUMBER.

EXAMPLES

(+4)(+3) = +12
(-4)(-3) = +12

(+4)(-3) = -12
(-4)(+3) = -12

SOLVE.

1. 3 • 6 = + 18 — THE SIGNS ARE THE SAME.
2. (- 5) • + 7 = - 35 — THE SIGNS ARE DIFFERENT.
3. (- 8) • 4 = - 32
4. (- 6) • + 8 = - 48
5. 9 • (+ 4) = + 36
6. 4 • - 6 = - 24
7. - 6 • (- 6) = + 36
8. 9 • (- 9) = - 81
9. 0 • (- 8) = 0
10. (- 9) • (- 9) = + 81
11. 3 • + 7 = + 21
12. - 5 • 3 = - 15
13. (- 2) • 13 = - 26
14. (- 7) • (- 6) = + 42
15. - 8 • (- 7) = + 56
16. + 9 • 13 = + 117
17. 5 • - 1 = - 5
18. 12 • (- 5) = - 60
19. (+ 5) • (- 3) = - 15
20. (- 4) • (- 4) = + 16
21. 8 • 0 = 0
22. - 7 • (- 9) = + 63
23. (- 4) • (- 9) = + 36
24. + 5 • - 6 = - 30
25. 11 • - 5 = - 55
26. 0 • (- 4) = 0
27. (- 3) • 8 = - 24
28. 6 • (+ 7) = + 42
29. 12 • + 12 = + 144
30. - 9 • (- 9) = + 81
29. (- 7) • 5 = - 35
30. (+ 2) • 13 = + 26

MULTIPLYING INTEGERS - B

ANSWERS - PAGE 2

SOLVE.

1. (- 7) • (- 8) = + 56
2. - 10 • (- 9) = + 90
3. 4 • (- 7) = - 28
4. 0 • (+ 6) = 0
5. - 1 • 12 = - 12
6. (+ 3) • - 13 = - 39
7. + 10 • - 10 = - 100
8. 7 • (- 1) = - 7
9. (- 6) • 11 = - 66
10. - 5 • 5 = - 25
11. - 11 • (- 4) = + 44
12. (- 8) • - 12 = + 96
13. 8 • + 12 = + 96
14. 9 • (+ 3) = + 27
15. (+ 4) • (- 9) = - 36
16. (- 4) • (- 8) = + 32
17. (- 2) • - 13 = + 26
18. 10 • (- 6) = - 60
19. 0 • 8 = 0
20. (- 9) • (+ 4) = - 36
21. 12 • (+ 1) = + 12
22. 6 • (- 9) = - 54
23. + 9 • (- 6) = - 54
24. - 4 • - 13 = + 52
25. - 13 • 6 = - 78
26. (+ 7) • 6 = + 42
27. (- 3) • - 12 = + 36
28. 3 • (- 8) = - 24
29. 7 • + 2 = + 14
30. - 13 • + 4 = - 52
31. (+ 1) • (- 9) = - 9
32. 5 • (- 2) = - 10
33. 11 • 0 = 0
34. + 12 • - 12 = - 144
35. (- 8) • + 10 = - 80
36. 9 • + 6 = + 54
37. - 8 • (- 4) = + 32
38. (- 2) • (- 1) = + 2
39. + 5 • (+ 3) = + 15
40. (- 7) • 0 = 0
41. - 1 • (- 8) = + 8
42. + 13 • (- 5) = - 65