

MULTIPLYING & DIVIDING INTEGERS WORKSHEET

Evaluate each of the following expressions.

$$1. \quad (2)(3) \\ = 6$$

$$2. \quad (2)(-3) \\ = -6$$

$$3. \quad (-2)(-3) \\ = 6$$

$$4. \quad (-2)(3) \\ = -6$$

$$5. \quad (-4)(5) \\ = -20$$

$$6. \quad (4)(-5) \\ = -20$$

$$7. \quad (-4)(-5) \\ = 20$$

$$8. \quad (4)(5) \\ = 20$$

$$9. \quad (2)(-4) \\ = -8$$

$$10. \quad (-2)(3)(4) \\ = (-6)(4) \\ = -24$$

$$11. \quad (2)(3)(-4) \\ = (6)(-4) \\ = -24$$

$$12. \quad (-2)(-3)(4) \\ = (6)(4) \\ = 24$$

$$13. \quad (-2)(-3)(-4) \\ = (6)(-4) \\ = -24$$

$$14. \quad (-12) \div (-4) \\ = 3$$

$$15. \quad (25) \div (-5) \\ = -5$$

$$16. \quad (-20) \div (-4) \\ = 5$$

$$17. \quad (-36) \div (9) \\ = -4$$

$$18. \quad (2)(5) \\ = 10$$

$$19. \quad (5)(-3)(-2) \\ = (-15)(-2) \\ = 30$$

$$20. \quad (-2)(-5)(3)(-2) \\ = (10)(3)(-2) \\ = (30)(-2) \\ = -60$$

$$21. \quad (2)(-1)(3)(-4) \\ = (-2)(3)(-4) \\ = (-6)(-4) \\ = 24$$

$$22. \quad 2(5)(3) \\ = 10(3) \\ = 30$$

$$23. \quad 2(4)(5) \\ = 8(5) \\ = 40$$

$$24. \quad 2(5)(-7) \\ = 10(-7) \\ = -70$$

$$25. \quad -4(2)(3) \\ = -8(3) \\ = -24$$

$$26. \quad -4(5)(-2) \\ = -20(-2) \\ = 40$$

$$27. \quad -4(2)(-5) \\ = (-8)(-5) \\ = 40$$

$$28. \quad 6(-2)(-3)$$

$$= (-12)(-3)$$

$$= 36$$

$$29. \quad 2(-3)(-4)$$

$$= (-6)(-4)$$

$$= 24$$

$$30. \quad 3(-4)(-1)$$

$$= (-12)(-1)$$

$$= 12$$

$$31. \quad -2(-3)(-4)$$

$$= (6)(-4)$$

$$= -24$$

$$32. \quad -2(-2)(-1)$$

$$= (4)(-1)$$

$$= -4$$

$$33. \quad -3(-5)(-2)$$

$$= (15)(-2)$$

$$= -30$$

$$34. \quad \frac{-6(2)}{3}$$

$$= \frac{-12}{3}$$

$$= -4$$

$$35. \quad 15 \div (-15) (6) \div (-1)$$

$$= (-1)(6) \div (-1)$$

$$= -6 \div (-1)$$

$$= 6$$

$$36. \quad 30(-2) \div (-10)$$

$$= (-60) \div (-10)$$

$$= 6$$

Determine a pair of integers that meet the criteria outlined

- a) Multiply to 10
Add to 7

10	
1	10
2	5

Add to 7

- b) Multiply to -18
Add to -7

-18	
-1	18
-2	9
-3	6
-6	3
-9	2

Add to -7

- c) Multiply to 16
Add to -10

16	
1	16
2	8
4	4
-1	-16
-2	-8
-4	-4

Add to -10

- d) Multiply to -11
Add to 10

-11	
-1	11
1	-11

Add to 10

- e) Multiply to -22
Add to 9

-22	
-1	-22
2	-11
-1	22
-2	11

Add to 9

- f) Multiply to -21
Add to 4

-21	
1	-21
3	-7
-1	21
-3	7

Add to 4

- g) Multiply to 36
Add to 12

36	
1	36
2	18
3	12
4	9
6	6

Add to 12

- h) Multiply to 27
Add to -12

27	
1	27
3	9
-1	-27
-3	-9

Add to -12

- i) Multiply to -36
Add to -16

-36	
1	-36
2	-18
3	-12
4	-9
6	-6

Add to -16

-1	36
-2	18
-3	12
-4	9