Add / Subtract vertically

+ 749 / 230	- 583 / 138	+ 363 / 170
+ 497 / 334	- 1000 / 469	- 568 / 294
+ 518 / 325	+ 498 / 178	- 808 / 469
- 1000 / 797	- 817 / 461	- 756 / 648

Order numbers in ascending order

8425 8509 8961 8396 8023

_____

5059 5576 5097 5011 5241

_____

Multiplication / Division Drill

6 x 10 = ___	11 x 2 = ___	12 ÷ 6 = ___	18 ÷ 9 = ___
16 ÷ 8 = ___	9 x 9 = ___	42 ÷ 7 = ___	56 ÷ 7 = ___
6 x 6 = ___	2 x 10 = ___	55 ÷ 5 = ___	2 x 8 = ___
8 x 11 = ___	6 x 7 = ___	100 ÷ 10 = ___	18 ÷ 9 = ___
3 x 12 = ___	7 x 6 = ___	18 ÷ 9 = ___	9 x 7 = ___
11 x 10 = ___	25 ÷ 5 = ___	24 ÷ 8 = ___	6 x 3 = ___
48 ÷ 12 = ___	8 x 7 = ___	72 ÷ 6 = ___	4 x 12 = ___
2 x 12 = ___	4 x 3 = ___	4 x 7 = ___	70 ÷ 7 = ___
6 x 10 = ___	10 x 10 = ___	11 x 12 = ___	63 ÷ 7 = ___
18 ÷ 9 = ___	96 ÷ 12 = ___	24 ÷ 2 = ___	10 x 9 = ___
21 ÷ 3 = ___	20 ÷ 4 = ___	9 x 4 = ___	5 x 11 = ___
77 ÷ 11 = ___	11 x 12 = ___	7 x 2 = ___	18 ÷ 3 = ___
60 ÷ 5 = ___	24 ÷ 3 = ___	132 ÷ 12 = ___	42 ÷ 6 = ___
28 ÷ 7 = ___	55 ÷ 11 = ___	4 x 6 = ___	2 x 12 = ___
5 x 7 = ___	20 ÷ 2 = ___	2 x 2 = ___	7 x 6 = ___

Order of operations

(5 + 2) x 3 - 4 = _____

10 ÷ (3 - 1) x 5 = _____

7 + (9 - 4) x 2 = _____

(6 - 2) x (4 ÷ 2) = _____

9 + 2 x (6 ÷ 2) = _____

12 - (5 + 4) ÷ 3 = _____

8 ÷ 2 + (5 - 1) = _____

(3 x 2) - (4 + 1) = _____

10 - (3 + 2) x 4 = _____

(11 - 2) ÷ 3 x 8 = _____

6 + (9 ÷ 3) x 5 = _____

2 x (5 + 3) - 6 = _____

18 ÷ 6 + (4 x 2) = _____

(12 ÷ 4) x 5 + 2 = _____

Equations

Insert the missing number to make equations true

18 ÷ ____ = 3

____ x 4 = 16

20 ÷ ____ = 5

____ x 7 = 42

27 ÷ ____ = 9

____ x 9 = 27

40 ÷ ____ = 10

____ x 3 = 12

54 ÷ ____ = 6

____ x 8 = 56

25 ÷ ____ = 5

____ x 6 = 36

36 ÷ ____ = 6

____ x 5 = 45

50 ÷ ____ = 5

Multiplication

37×2	28×3	39×2	31×2
21×3	43×2	41×2	24×3
23×4	26×4	87×8	22×3

Inequalities

Insert the missing number to make inequalities true

_____ + 5 > 12 - 3

10 - _____ < 5 + 2

_____ - 3 < 9 + 6

8 + _____ > 12 - 3

_____ ÷ 3 - 1 < 4 + 1

3 - _____ ÷ 2 < 1 + 2

_____ ÷ 4 + 1 > 7 - 2

_____ ÷ 5 + 2 > 4 - 1

5 - _____ ÷ 3 < 2 + 1

_____ ÷ 2 + 4 < 12 - 2

Long Division

$5\overline{)80}$ $2\overline{)52}$ $3\overline{)57}$

$2\overline{)94}$ $2\overline{)76}$ $2\overline{)86}$

$5\overline{)10}$ $2\overline{)38}$ $2\overline{)86}$

Patterns

Find the rule and continue each pattern

14, 16, 18, 20, ____, ____

35, 40, 45, 50, ____, ____

21, 24, 27, 30, ____, ____

16, 19, 22, 25, ____, ____

28, 32, 36, 40, ____, ____

49, 56, 63, 70, ____, ____

Associative Property of Multiplication

Rewrite each expression using the associative property. Calculate

$(2 \times 4) \times 9 =$ _____

$(3 \times 2) \times 9 =$ _____

$(10 \times 8) \times 5 =$ _____

$(4 \times 5) \times 3 =$ _____

$3 \times (5 \times 4) =$ _____

$3 \times (7 \times 1) =$ _____

Find the value of y

$(2 \times 4) \times 9 = 2 \times (4 \times y);\ y =$ _____

$(3 \times y) \times 9 = 3 \times (2 \times 9);\ y =$ _____

$(10 \times y) \times 5 = 10 \times (8 \times 5);\ y =$ _____

$(4 \times y) \times 3 = 4 \times (5 \times 3);\ y =$ _____

$y \times (5 \times 4) = (3 \times 5) \times 4;\ y =$ _____

$y \times (7 \times 1) = (3 \times 7) \times 1;\ y =$ _____

Commutative Property of Multiplication

Rewrite each expression using the commutative property. Calculate

$9 \times 7 \times 2 =$ _____

$6 \times 4 \times 8 =$ _____

$5 \times 3 \times 10 =$ _____

$2 \times 4 \times 9 =$ _____

Disributive Property of Multiplication

Rewrite each expression using the commutative property. Calculate

$9 \times 18 = (9 \times 8) + (9 \times 10) =$ _____

$13 \times 5 = (8 \times 5) + (\_\_ \times 5) =$ _____

$14 \times 3 = (7 \times 3) + (\_\_ \times 3) =$ _____

$17 \times 9 = (8 \times 9) + (\_\_ \times 9) =$ _____

$16 \times 3 = (9 \times 3) + (\_\_ \times 3) =$ _____

$5 \times 14 = (5 \times 8) + (5 \times \_\_) =$ _____