Multiplication - Distributive Property   Sheet 1

Use distributive property to solve the multiplication problems.

1) $8 \times (5 + 7)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	2) $11 \times (8 + 2)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	3) $9 \times (3 + 5)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$
4) $6 \times (13 + 4)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	5) $7 \times (10 + 3)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	6) $5 \times (7 + 14)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$
7) $2 \times (9 + 5)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	8) $13 \times (8 + 5)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	9) $10 \times (8 + 6)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$
10) $5 \times (14 + 3)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	11) $9 \times (2 + 5)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	12) $5 \times (12 + 7)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$
13) $8 \times (9 + 4)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	14) $2 \times (15 + 9)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	15) $7 \times (11 + 2)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$
16) $3 \times (9 + 13)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	17) $14 \times (4 + 9)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	18) $6 \times (10 + 3)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$
19) $5 \times (7 + 8)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	20) $2 \times (9 + 12)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$	21) $13 \times (5 + 6)$ $= (\_\_ \times \_\_) + (\_\_ \times \_\_)$ $= \_\_\_\_ + \_\_\_\_ = \_\_\_\_$

Multiplication - Distributive Property

Sheet 1

1) $8 \times (5 + 7)$

$= (8 \times 5) + (8 \times 7)$

$= 40 + 56 = 96$

2) $11 \times (8 + 2)$

$= (11 \times 8) + (11 \times 2)$

$= 88 + 22 = 110$

3) $9 \times (3 + 5)$

$= (9 \times 3) + (9 \times 5)$

$= 27 + 45 = 72$

4) $6 \times (13 + 4)$

$= (6 \times 13) + (6 \times 4)$

$= 78 + 24 = 102$

5) $7 \times (10 + 3)$

$= (7 \times 10) + (7 \times 3)$

$= 70 + 21 = 91$

6) $5 \times (7 + 14)$

$= (5 \times 7) + (5 \times 14)$

$= 35 + 70 = 105$

7) $2 \times (9 + 5)$

$= (2 \times 9) + (2 \times 5)$

$= 18 + 10 = 28$

8) $13 \times (8 + 5)$

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

$= 104 + 65 = 169$

9) $10 \times (8 + 6)$

$= (10 \times 8) + (10 \times 6)$

$= 80 + 60 = 140$

10) $5 \times (14 + 3)$

$= (5 \times 14) + (5 \times 3)$

$= 70 + 15 = 85$

11) $9 \times (2 + 5)$

$= (9 \times 2) + (9 \times 5)$

$= 18 + 45 = 63$

12) $5 \times (12 + 7)$

$= (5 \times 12) + (5 \times 7)$

$= 60 + 35 = 95$

13) $8 \times (9 + 4)$

$= (8 \times 9) + (8 \times 4)$

$= 72 + 32 = 104$

14) $2 \times (15 + 9)$

$= (2 \times 15) + (2 \times 9)$

$= 30 + 18 = 48$

15) $7 \times (11 + 2)$

$= (7 \times 11) + (7 \times 2)$

$= 77 + 14 = 91$

16) $3 \times (9 + 13)$

$= (3 \times 9) + (3 \times 13)$

$= 27 + 39 = 66$

17) $14 \times (4 + 9)$

$= (14 \times 4) + (14 \times 9)$

$= 56 + 126 = 182$

18) $6 \times (10 + 3)$

$= (6 \times 10) + (6 \times 3)$

$= 60 + 18 = 78$

19) $5 \times (7 + 8)$

$= (5 \times 7) + (5 \times 8)$

$= 35 + 40 = 75$

20) $2 \times (9 + 12)$

$= (2 \times 9) + (2 \times 12)$

$= 18 + 24 = 42$

21) $13 \times (5 + 6)$

$= (13 \times 5) + (13 \times 6)$

$= 65 + 78 = 143$