

Name: _____

Score:

Distributive Property

Use distributive property to solve the multiplication problems.

Name: _____

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Answers:

1) $7 \times (11 + 6)$ = $(7 \times 11) + (7 \times 6)$ = $77 + 42 = 119$	2) $9 \times (6 + 5)$ = $(9 \times 6) + (9 \times 5)$ = $54 + 45 = 99$	3) $8 \times (12 + 3)$ = $(8 \times 12) + (8 \times 3)$ = $96 + 24 = 120$
4) $2 \times (9 + 15)$ = $(2 \times 9) + (2 \times 15)$ = $18 + 30 = 48$	5) $6 \times (4 + 7)$ = $(6 \times 4) + (6 \times 7)$ = $24 + 42 = 66$	6) $9 \times (2 + 5)$ = $(9 \times 2) + (9 \times 5)$ = $18 + 45 = 63$
7) $13 \times (6 + 2)$ = $(13 \times 6) + (13 \times 2)$ = $78 + 26 = 104$	8) $10 \times (4 + 8)$ = $(10 \times 4) + (10 \times 8)$ = $40 + 80 = 120$	9) $5 \times (13 + 7)$ = $(5 \times 13) + (5 \times 7)$ = $65 + 35 = 100$
10) $6 \times (9 + 5)$ = $(6 \times 9) + (6 \times 5)$ = $54 + 30 = 84$	11) $14 \times (7 + 3)$ = $(14 \times 7) + (14 \times 3)$ = $98 + 42 = 140$	12) $8 \times (6 + 10)$ = $(8 \times 6) + (8 \times 10)$ = $48 + 80 = 128$
13) $7 \times (11 + 8)$ = $(7 \times 11) + (7 \times 8)$ = $77 + 56 = 133$	14) $3 \times (6 + 12)$ = $(3 \times 6) + (3 \times 12)$ = $18 + 36 = 54$	15) $9 \times (5 + 4)$ = $(9 \times 5) + (9 \times 4)$ = $45 + 36 = 81$
16) $11 \times (2 + 7)$ = $(11 \times 2) + (11 \times 7)$ = $22 + 77 = 99$	17) $6 \times (5 + 4)$ = $(6 \times 5) + (6 \times 4)$ = $30 + 24 = 54$	18) $8 \times (13 + 6)$ = $(8 \times 13) + (8 \times 6)$ = $104 + 48 = 152$
19) $4 \times (6 + 10)$ = $(4 \times 6) + (4 \times 10)$ = $24 + 40 = 64$	20) $2 \times (5 + 8)$ = $(2 \times 5) + (2 \times 8)$ = $10 + 16 = 26$	21) $4 \times (2 + 9)$ = $(4 \times 2) + (4 \times 9)$ = $8 + 36 = 44$