Examining Distributive Property

Name: _____

Rewrite each problem using the distributive property of Multiplication.

1) $4 \times (6 + 8) = (\underline{} \times \underline{}) + (\underline{} \times \underline{})$

2) $5 \times (9 + 3) = (\underline{} \times \underline{}) + (\underline{} \times \underline{})$

3) $9 \times (7 + 4) = (\underline{} \times \underline{}) + (\underline{} \times \underline{})$

4) $3 \times (7 + 4) = (\underline{} \times \underline{}) + (\underline{} \times \underline{})$

5) $6 \times (5 + 4) = (\underline{} \times \underline{}) + (\underline{} \times \underline{})$

6) $5 \times (2 + 3) = (\underline{} \times \underline{}) + (\underline{} \times \underline{})$

7) $8 \times (7 + 3) = (\underline{} \times \underline{}) + (\underline{} \times \underline{})$

8) $2 \times (9 + 5) = (\underline{} \times \underline{}) + (\underline{} \times \underline{})$

9) $6 \times (2 + 9) = (\underline{} \times \underline{}) + (\underline{} \times \underline{})$

10) $3 \times (9 + 7) = (\underline{} \times \underline{}) + (\underline{} \times \underline{})$

11) $(2 \times 4) + (2 \times 3) = \underline{} \times (\underline{} + \underline{})$

12) $(6 \times 7) + (6 \times 8) = \underline{} \times (\underline{} + \underline{})$

13) $(3 \times 5) + (3 \times 2) = \underline{} \times (\underline{} + \underline{})$

14) $(7 \times 2) + (7 \times 4) = \underline{} \times (\underline{} + \underline{})$

15) $(5 \times 4) + (5 \times 9) = \underline{} \times (\underline{} + \underline{})$

16) $(7 \times 5) + (7 \times 8) = \underline{} \times (\underline{} + \underline{})$

17) $(6 \times 4) + (6 \times 5) = \underline{} \times (\underline{} + \underline{})$

18) $(4 \times 8) + (4 \times 9) = \underline{} \times (\underline{} + \underline{})$

19) $(4 \times 2) + (4 \times 8) = \underline{} \times (\underline{} + \underline{})$

20) $(2 \times 8) + (2 \times 4) = \underline{} \times (\underline{} + \underline{})$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Math

Name:

Rewrite each problem using the distributive property of Multiplication.

Answers

1) $4 \times (6 + 8) = ($ _4_ $\times$ _6_ $) + ($ _4_ $\times$ _8_ $)$

1. $(4 \times 6)+(4 \times 8)$

2) $5 \times (9 + 3) = ($ _5_ $\times$ _9_ $) + ($ _5_ $\times$ _3_ $)$

2. $(5 \times 9)+(5 \times 3)$

3) $9 \times (7 + 4) = ($ _9_ $\times$ _7_ $) + ($ _9_ $\times$ _4_ $)$

3. $(9 \times 7)+(9 \times 4)$

4) $3 \times (7 + 4) = ($ _3_ $\times$ _7_ $) + ($ _3_ $\times$ _4_ $)$

4. $(3 \times 7)+(3 \times 4)$

5) $6 \times (5 + 4) = ($ _6_ $\times$ _5_ $) + ($ _6_ $\times$ _4_ $)$

5. $(6 \times 5)+(6 \times 4)$

6) $5 \times (2 + 3) = ($ _5_ $\times$ _2_ $) + ($ _5_ $\times$ _3_ $)$

6. $(5 \times 2)+(5 \times 3)$

7) $8 \times (7 + 3) = ($ _8_ $\times$ _7_ $) + ($ _8_ $\times$ _3_ $)$

7. $(8 \times 7)+(8 \times 3)$

8) $2 \times (9 + 5) = ($ _2_ $\times$ _9_ $) + ($ _2_ $\times$ _5_ $)$

8. $(2 \times 9)+(2 \times 5)$

9) $6 \times (2 + 9) = ($ _6_ $\times$ _2_ $) + ($ _6_ $\times$ _9_ $)$

9. $(6 \times 2)+(6 \times 9)$

10) $3 \times (9 + 7) = ($ _3_ $\times$ _9_ $) + ($ _3_ $\times$ _7_ $)$

10. $(3 \times 9)+(3 \times 7)$

11) $(2 \times 4) + (2 \times 3) = $ _2_ $\times ($ _4_ $+$ _3_ $)$

11. $2 \times (4 + 3)$

12) $(6 \times 7) + (6 \times 8) = $ _6_ $\times ($ _7_ $+$ _8_ $)$

12. $6 \times (7 + 8)$

13) $(3 \times 5) + (3 \times 2) = $ _3_ $\times ($ _5_ $+$ _2_ $)$

13. $3 \times (5 + 2)$

14) $(7 \times 2) + (7 \times 4) = $ _7_ $\times ($ _2_ $+$ _4_ $)$

14. $7 \times (2 + 4)$

15) $(5 \times 4) + (5 \times 9) = $ _5_ $\times ($ _4_ $+$ _9_ $)$

15. $5 \times (4 + 9)$

16) $(7 \times 5) + (7 \times 8) = $ _7_ $\times ($ _5_ $+$ _8_ $)$

16. $7 \times (5 + 8)$

17) $(6 \times 4) + (6 \times 5) = $ _6_ $\times ($ _4_ $+$ _5_ $)$

17. $6 \times (4 + 5)$

18) $(4 \times 8) + (4 \times 9) = $ _4_ $\times ($ _8_ $+$ _9_ $)$

18. $4 \times (8 + 9)$

19) $(4 \times 2) + (4 \times 8) = $ _4_ $\times ($ _2_ $+$ _8_ $)$

19. $4 \times (2 + 8)$

20) $(2 \times 8) + (2 \times 4) = $ _2_ $\times ($ _8_ $+$ _4_ $)$

20. $2 \times (8 + 4)$

Math

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0