Rewrite each problem using the distributive property of Multiplication.

1) $7 \times (3 + 8) = (\_\_\_ \times \_\_\_) + (\_\_\_ \times \_\_\_)$

2) $3 \times (6 + 8) = (\_\_\_ \times \_\_\_) + (\_\_\_ \times \_\_\_)$

3) $6 \times (2 + 3) = (\_\_\_ \times \_\_\_) + (\_\_\_ \times \_\_\_)$

4) $8 \times (3 + 2) = (\_\_\_ \times \_\_\_) + (\_\_\_ \times \_\_\_)$

5) $8 \times (2 + 7) = (\_\_\_ \times \_\_\_) + (\_\_\_ \times \_\_\_)$

6) $4 \times (3 + 8) = (\_\_\_ \times \_\_\_) + (\_\_\_ \times \_\_\_)$

7) $7 \times (9 + 8) = (\_\_\_ \times \_\_\_) + (\_\_\_ \times \_\_\_)$

8) $3 \times (9 + 8) = (\_\_\_ \times \_\_\_) + (\_\_\_ \times \_\_\_)$

9) $2 \times (8 + 5) = (\_\_\_ \times \_\_\_) + (\_\_\_ \times \_\_\_)$

10) $4 \times (8 + 9) = (\_\_\_ \times \_\_\_) + (\_\_\_ \times \_\_\_)$

11) $(7 \times 2) + (7 \times 9) = \_\_\_ \times (\_\_\_ + \_\_\_)$

12) $(7 \times 9) + (7 \times 3) = \_\_\_ \times (\_\_\_ + \_\_\_)$

13) $(6 \times 2) + (6 \times 9) = \_\_\_ \times (\_\_\_ + \_\_\_)$

14) $(7 \times 6) + (7 \times 3) = \_\_\_ \times (\_\_\_ + \_\_\_)$

15) $(5 \times 4) + (5 \times 9) = \_\_\_ \times (\_\_\_ + \_\_\_)$

16) $(3 \times 6) + (3 \times 7) = \_\_\_ \times (\_\_\_ + \_\_\_)$

17) $(5 \times 8) + (5 \times 9) = \_\_\_ \times (\_\_\_ + \_\_\_)$

18) $(8 \times 3) + (8 \times 5) = \_\_\_ \times (\_\_\_ + \_\_\_)$

19) $(4 \times 2) + (4 \times 8) = \_\_\_ \times (\_\_\_ + \_\_\_)$

20) $(4 \times 2) + (4 \times 5) = \_\_\_ \times (\_\_\_ + \_\_\_)$

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

Rewrite each problem using the distributive property of Multiplication.

1) $7 \times (3 + 8) = (\ 7\ \times\ 3\ ) + (\ 7\ \times\ 8\ )$

2) $3 \times (6 + 8) = (\ 3\ \times\ 6\ ) + (\ 3\ \times\ 8\ )$

3) $6 \times (2 + 3) = (\ 6\ \times\ 2\ ) + (\ 6\ \times\ 3\ )$

4) $8 \times (3 + 2) = (\ 8\ \times\ 3\ ) + (\ 8\ \times\ 2\ )$

5) $8 \times (2 + 7) = (\ 8\ \times\ 2\ ) + (\ 8\ \times\ 7\ )$

6) $4 \times (3 + 8) = (\ 4\ \times\ 3\ ) + (\ 4\ \times\ 8\ )$

7) $7 \times (9 + 8) = (\ 7\ \times\ 9\ ) + (\ 7\ \times\ 8\ )$

8) $3 \times (9 + 8) = (\ 3\ \times\ 9\ ) + (\ 3\ \times\ 8\ )$

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

10) $4 \times (8 + 9) = (\ 4\ \times\ 8\ ) + (\ 4\ \times\ 9\ )$

11) $(7 \times 2) + (7 \times 9) =\ 7\ \times (\ 2\ +\ 9\ )$

12) $(7 \times 9) + (7 \times 3) =\ 7\ \times (\ 9\ +\ 3\ )$

13) $(6 \times 2) + (6 \times 9) =\ 6\ \times (\ 2\ +\ 9\ )$

14) $(7 \times 6) + (7 \times 3) =\ 7\ \times (\ 6\ +\ 3\ )$

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

16) $(3 \times 6) + (3 \times 7) =\ 3\ \times (\ 6\ +\ 7\ )$

17) $(5 \times 8) + (5 \times 9) =\ 5\ \times (\ 8\ +\ 9\ )$

18) $(8 \times 3) + (8 \times 5) =\ 8\ \times (\ 3\ +\ 5\ )$

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

20) $(4 \times 2) + (4 \times 5) =\ 4\ \times (\ 2\ +\ 5\ )$

Answers

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

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