Using Distributive Property

Name:

Use the distributive property to solve each problem.

Ex) $8 \times 15 = (8 \times 7) + (8 \times \underline{8}) =$
$56 + 64 \qquad \underline{120}$

Ex. _____ **120** _____

1) $3 \times 15 = (3 \times 5) + (3 \times \underline{}) =$
$+ \qquad \underline{}$

1. _____

2. _____

2) $12 \times 9 = (7 \times 9) + (\underline{} \times 9) =$
$+ \qquad \underline{}$

3. _____

3) $6 \times 16 = (6 \times 9) + (6 \times \underline{}) =$
$+ \qquad \underline{}$

4. _____

5. _____

4) $3 \times 18 = (3 \times 8) + (3 \times \underline{}) =$
$+ \qquad \underline{}$

6. _____

7. _____

5) $17 \times 8 = (9 \times 8) + (\underline{} \times 8) =$
$+ \qquad \underline{}$

8. _____

9. _____

10. _____

6) $4 \times 15 = (4 \times 7) + (4 \times \underline{}) =$
$+ \qquad \underline{}$

7) $13 \times 4 = (6 \times 4) + (\underline{} \times 4) =$
$+ \qquad \underline{}$

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

9) $5 \times 12 = (5 \times 5) + (5 \times \underline{}) =$
$+ \qquad \underline{}$

10) $13 \times 6 = (4 \times 6) + (\underline{} \times 6) =$
$+ \qquad \underline{}$

Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) 8×15 = (8×7) + (8 × __8__) =

        56 +   64   120

Ex. __**120**__

1) 3×15 = (3×5) + (3 × __10__) =

        15 +   30   45

1. __**45**__

2) 12×9 = (7×9) + (__5__ × 9) =

        63 +   45   108

2. __**108**__

3) 6×16 = (6×9) + (6 × __7__) =

        54 +   42   96

3. __**96**__

4) 3×18 = (3×8) + (3 × __10__) =

        24 +   30   54

4. __**54**__

5) 17×8 = (9×8) + (__8__ × 8) =

        72 +   64   136

5. __**136**__

6) 4×15 = (4×7) + (4 × __8__) =

        28 +   32   60

6. __**60**__

7) 13×4 = (6×4) + (__7__ × 4) =

        24 +   28   52

7. __**52**__

8) 5×16 = (5×7) + (5 × __9__) =

        35 +   45   80

8. __**80**__

9) 5×12 = (5×5) + (5 × __7__) =

        25 +   35   60

9. __**60**__

10) 13×6 = (4×6) + (__9__ × 6) =

        24 +   54   78

10. __**78**__

Math

1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0