

# Distributive property of multiplication

## Grade 5 Multiplication Worksheet

Example:  $3 \times 23 = (3 \times 20) + (3 \times 3) = 60 + 9 = 69$

Rewrite the equations using the distributive property and find the answer.

1.  $20 \times 4 = (\underline{\quad} \times 10) + (\underline{\quad} \times 10) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

2.  $8 \times 14 = (\underline{\quad} \times 10) + (\underline{\quad} \times 4) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

3.  $7 \times 20 = (\underline{\quad} \times 10) + (\underline{\quad} \times 10) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

4.  $10 \times 15 = (\underline{\quad} \times 10) + (\underline{\quad} \times 5) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

5.  $8 \times 24 = \underline{\quad}$

6.  $7 \times 16 = (\underline{\quad} \times 10) + (\underline{\quad} \times 6) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

7.  $6 \times 4 = (\underline{\quad} \times 2) + (\underline{\quad} \times 2) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

8.  $9 \times 8 = (\underline{\quad} \times 5) + (\underline{\quad} \times 4) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

9.  $5 \times 28 = \underline{\quad}$

10.  $4 \times 8 = (\underline{\quad} \times 2) + (\underline{\quad} \times 2) = \underline{\quad} + \underline{\quad} = \underline{\quad}$