**Use the distributive property to solve each problem.**

Ex)  $7 \times 15$  =  $(7 \times 5)$  + (  7  $\times$ _10_ )  =

35    +    70    _105_

1)  $9 \times 14$  =  $(9 \times 9)$  + (  9  $\times$ ___ )  =

\+

1. _____

2)  $16 \times 5$  =  $(6 \times 5)$  + ( ___ $\times$  5  )  =

\+

2. _____

3)  $12 \times 8$  =  $(7 \times 8)$  + ( ___ $\times$  8  )  =

\+

3. _____

4)  $5 \times 14$  =  $(5 \times 6)$  + (  5  $\times$ ___ )  =

\+

4. _____

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

\+

5. _____

6)  $14 \times 9$  =  $(8 \times 9)$  + ( ___ $\times$  9  )  =

\+

6. _____

7)  $5 \times 17$  =  $(5 \times 8)$  + (  5  $\times$ ___ )  =

\+

7. _____

8)  $15 \times 5$  =  $(6 \times 5)$  + ( ___ $\times$  5  )  =

\+

8. _____

9)  $8 \times 16$  =  $(8 \times 6)$  + (  8  $\times$ ___ )  =

\+

9. _____

10)  $17 \times 8$  =  $(8 \times 8)$  + ( ___ $\times$  8  )  =

\+

10. _____

Name: **Answer Key**

**Use the distributive property to solve each problem.**

**Answers**

**Ex)** $7 \times 15 = (7 \times 5) + (7 \times \underline{10}) =$

35 + 70 $\underline{105}$

Ex. $\underline{\hspace{0.3cm}\textbf{105}\hspace{0.3cm}}$

**1)** $9 \times 14 = (9 \times 9) + (9 \times \underline{5}) =$

81 + 45 $\underline{126}$

1. $\underline{\hspace{0.3cm}\textbf{126}\hspace{0.3cm}}$

**2)** $16 \times 5 = (6 \times 5) + (\underline{10} \times 5) =$

30 + 50 $\underline{80}$

2. $\underline{\hspace{0.3cm}\textbf{80}\hspace{0.3cm}}$

**3)** $12 \times 8 = (7 \times 8) + (\underline{5} \times 8) =$

56 + 40 $\underline{96}$

3. $\underline{\hspace{0.3cm}\textbf{96}\hspace{0.3cm}}$

**4)** $5 \times 14 = (5 \times 6) + (5 \times \underline{8}) =$

30 + 40 $\underline{70}$

4. $\underline{\hspace{0.3cm}\textbf{70}\hspace{0.3cm}}$

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

81 + 72 $\underline{153}$

5. $\underline{\hspace{0.3cm}\textbf{153}\hspace{0.3cm}}$

**6)** $14 \times 9 = (8 \times 9) + (\underline{6} \times 9) =$

72 + 54 $\underline{126}$

6. $\underline{\hspace{0.3cm}\textbf{126}\hspace{0.3cm}}$

**7)** $5 \times 17 = (5 \times 8) + (5 \times \underline{9}) =$

40 + 45 $\underline{85}$

7. $\underline{\hspace{0.3cm}\textbf{85}\hspace{0.3cm}}$

**8)** $15 \times 5 = (6 \times 5) + (\underline{9} \times 5) =$

30 + 45 $\underline{75}$

8. $\underline{\hspace{0.3cm}\textbf{75}\hspace{0.3cm}}$

**9)** $8 \times 16 = (8 \times 6) + (8 \times \underline{10}) =$

48 + 80 $\underline{128}$

9. $\underline{\hspace{0.3cm}\textbf{128}\hspace{0.3cm}}$

**10)** $17 \times 8 = (8 \times 8) + (\underline{9} \times 8) =$

64 + 72 $\underline{136}$

10. $\underline{\hspace{0.3cm}\textbf{136}\hspace{0.3cm}}$

**Math**

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