

# Multiplication avec la Propriété Distributive (A)

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $38743 \times 6$

$$= (30000 + 8000 + 700 + 40 + 3) \times (6)$$

$$= (30000 \times 6) + (8000 \times 6) + (700 \times 6) + (40 \times 6) + (3 \times 6)$$

$$= 180000 + 48000 + 4200 + 240 + 18 = \boxed{232458}$$

1.  $24153 \times 7$

2.  $91609 \times 9$

3.  $73449 \times 3$

4.  $75774 \times 3$

5.  $38546 \times 9$

## Multiplication avec la Propriété Distributive (A) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $38743 \times 6$

$$\begin{aligned} &= (30000 + 8000 + 700 + 40 + 3) \times (6) \\ &= (30000 \times 6) + (8000 \times 6) + (700 \times 6) + (40 \times 6) + (3 \times 6) \\ &= 180000 + 48000 + 4200 + 240 + 18 = \boxed{232458} \end{aligned}$$

1.  $24153 \times 7$

$$\begin{aligned} &= (20000 + 4000 + 100 + 50 + 3) \times (7) \\ &= (20000 \times 7) + (4000 \times 7) + (100 \times 7) + (50 \times 7) + (3 \times 7) \\ &= 140000 + 28000 + 700 + 350 + 21 = \boxed{169071} \end{aligned}$$

2.  $91609 \times 9$

$$\begin{aligned} &= (90000 + 1000 + 600 + 0 + 9) \times (9) \\ &= (90000 \times 9) + (1000 \times 9) + (600 \times 9) + (0 \times 9) + (9 \times 9) \\ &= 810000 + 9000 + 5400 + 0 + 81 = \boxed{824481} \end{aligned}$$

3.  $73449 \times 3$

$$\begin{aligned} &= (70000 + 3000 + 400 + 40 + 9) \times (3) \\ &= (70000 \times 3) + (3000 \times 3) + (400 \times 3) + (40 \times 3) + (9 \times 3) \\ &= 210000 + 9000 + 1200 + 120 + 27 = \boxed{220347} \end{aligned}$$

4.  $75774 \times 3$

$$\begin{aligned} &= (70000 + 5000 + 700 + 70 + 4) \times (3) \\ &= (70000 \times 3) + (5000 \times 3) + (700 \times 3) + (70 \times 3) + (4 \times 3) \\ &= 210000 + 15000 + 2100 + 210 + 12 = \boxed{227322} \end{aligned}$$

5.  $38546 \times 9$

$$\begin{aligned} &= (30000 + 8000 + 500 + 40 + 6) \times (9) \\ &= (30000 \times 9) + (8000 \times 9) + (500 \times 9) + (40 \times 9) + (6 \times 9) \\ &= 270000 + 72000 + 4500 + 360 + 54 = \boxed{346914} \end{aligned}$$

## Multiplication avec la Propriété Distributive (B)

Nom: \_\_\_\_\_ Date: \_\_\_\_\_ Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $65711 \times 7$   
 $= (60000 + 5000 + 700 + 10 + 1) \times (7)$   
 $= (60000 \times 7) + (5000 \times 7) + (700 \times 7) + (10 \times 7) + (1 \times 7)$   
 $= 420000 + 35000 + 4900 + 70 + 7 = \boxed{459977}$

1.  $93343 \times 2$

2.  $18862 \times 8$

3.  $14858 \times 5$

4.  $38095 \times 8$

5.  $61558 \times 9$

## Multiplication avec la Propriété Distributive (B) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $65711 \times 7$

$$\begin{aligned} &= (60000 + 5000 + 700 + 10 + 1) \times (7) \\ &= (60000 \times 7) + (5000 \times 7) + (700 \times 7) + (10 \times 7) + (1 \times 7) \\ &= 420000 + 35000 + 4900 + 70 + 7 = \boxed{459977} \end{aligned}$$

1.  $93343 \times 2$

$$\begin{aligned} &= (90000 + 3000 + 300 + 40 + 3) \times (2) \\ &= (90000 \times 2) + (3000 \times 2) + (300 \times 2) + (40 \times 2) + (3 \times 2) \\ &= 180000 + 6000 + 600 + 80 + 6 = \boxed{186686} \end{aligned}$$

2.  $18862 \times 8$

$$\begin{aligned} &= (10000 + 8000 + 800 + 60 + 2) \times (8) \\ &= (10000 \times 8) + (8000 \times 8) + (800 \times 8) + (60 \times 8) + (2 \times 8) \\ &= 80000 + 64000 + 6400 + 480 + 16 = \boxed{150896} \end{aligned}$$

3.  $14858 \times 5$

$$\begin{aligned} &= (10000 + 4000 + 800 + 50 + 8) \times (5) \\ &= (10000 \times 5) + (4000 \times 5) + (800 \times 5) + (50 \times 5) + (8 \times 5) \\ &= 50000 + 20000 + 4000 + 250 + 40 = \boxed{74290} \end{aligned}$$

4.  $38095 \times 8$

$$\begin{aligned} &= (30000 + 8000 + 0 + 90 + 5) \times (8) \\ &= (30000 \times 8) + (8000 \times 8) + (0 \times 8) + (90 \times 8) + (5 \times 8) \\ &= 240000 + 64000 + 0 + 720 + 40 = \boxed{304760} \end{aligned}$$

5.  $61558 \times 9$

$$\begin{aligned} &= (60000 + 1000 + 500 + 50 + 8) \times (9) \\ &= (60000 \times 9) + (1000 \times 9) + (500 \times 9) + (50 \times 9) + (8 \times 9) \\ &= 540000 + 9000 + 4500 + 450 + 72 = \boxed{554022} \end{aligned}$$

## Multiplication avec la Propriété Distributive (C)

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $80824 \times 5$

$$= (80000 + 0 + 800 + 20 + 4) \times (5)$$

$$= (80000 \times 5) + (0 \times 5) + (800 \times 5) + (20 \times 5) + (4 \times 5)$$

$$= 400000 + 0 + 4000 + 100 + 20 = \boxed{404120}$$

1.  $97340 \times 2$

2.  $76088 \times 3$

3.  $40636 \times 8$

4.  $17777 \times 4$

5.  $11577 \times 8$

# Multiplication avec la Propriété Distributive (C) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $80824 \times 5$

$$\begin{aligned} &= (80000 + 0 + 800 + 20 + 4) \times (5) \\ &= (80000 \times 5) + (0 \times 5) + (800 \times 5) + (20 \times 5) + (4 \times 5) \\ &= 400000 + 0 + 4000 + 100 + 20 = \boxed{404120} \end{aligned}$$

1.  $97340 \times 2$

$$\begin{aligned} &= (90000 + 7000 + 300 + 40 + 0) \times (2) \\ &= (90000 \times 2) + (7000 \times 2) + (300 \times 2) + (40 \times 2) + (0 \times 2) \\ &= 180000 + 14000 + 600 + 80 + 0 = \boxed{194680} \end{aligned}$$

2.  $76088 \times 3$

$$\begin{aligned} &= (70000 + 6000 + 0 + 80 + 8) \times (3) \\ &= (70000 \times 3) + (6000 \times 3) + (0 \times 3) + (80 \times 3) + (8 \times 3) \\ &= 210000 + 18000 + 0 + 240 + 24 = \boxed{228264} \end{aligned}$$

3.  $40636 \times 8$

$$\begin{aligned} &= (40000 + 0 + 600 + 30 + 6) \times (8) \\ &= (40000 \times 8) + (0 \times 8) + (600 \times 8) + (30 \times 8) + (6 \times 8) \\ &= 320000 + 0 + 4800 + 240 + 48 = \boxed{325088} \end{aligned}$$

4.  $17777 \times 4$

$$\begin{aligned} &= (10000 + 7000 + 700 + 70 + 7) \times (4) \\ &= (10000 \times 4) + (7000 \times 4) + (700 \times 4) + (70 \times 4) + (7 \times 4) \\ &= 40000 + 28000 + 2800 + 280 + 28 = \boxed{71108} \end{aligned}$$

5.  $11577 \times 8$

$$\begin{aligned} &= (10000 + 1000 + 500 + 70 + 7) \times (8) \\ &= (10000 \times 8) + (1000 \times 8) + (500 \times 8) + (70 \times 8) + (7 \times 8) \\ &= 80000 + 8000 + 4000 + 560 + 56 = \boxed{92616} \end{aligned}$$

## Multiplication avec la Propriété Distributive (D)

Nom: \_\_\_\_\_ Date: \_\_\_\_\_ Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $83254 \times 5$   
 $= (80000 + 3000 + 200 + 50 + 4) \times (5)$   
 $= (80000 \times 5) + (3000 \times 5) + (200 \times 5) + (50 \times 5) + (4 \times 5)$   
 $= 400000 + 15000 + 1000 + 250 + 20 = \boxed{416270}$

1.  $40585 \times 6$

2.  $17233 \times 8$

3.  $27960 \times 8$

4.  $32079 \times 9$

5.  $30107 \times 8$

## Multiplication avec la Propriété Distributive (D) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $83254 \times 5$

$$\begin{aligned} &= (80000 + 3000 + 200 + 50 + 4) \times (5) \\ &= (80000 \times 5) + (3000 \times 5) + (200 \times 5) + (50 \times 5) + (4 \times 5) \\ &= 400000 + 15000 + 1000 + 250 + 20 = \boxed{416270} \end{aligned}$$

1.  $40585 \times 6$

$$\begin{aligned} &= (40000 + 0 + 500 + 80 + 5) \times (6) \\ &= (40000 \times 6) + (0 \times 6) + (500 \times 6) + (80 \times 6) + (5 \times 6) \\ &= 240000 + 0 + 3000 + 480 + 30 = \boxed{243510} \end{aligned}$$

2.  $17233 \times 8$

$$\begin{aligned} &= (10000 + 7000 + 200 + 30 + 3) \times (8) \\ &= (10000 \times 8) + (7000 \times 8) + (200 \times 8) + (30 \times 8) + (3 \times 8) \\ &= 80000 + 56000 + 1600 + 240 + 24 = \boxed{137864} \end{aligned}$$

3.  $27960 \times 8$

$$\begin{aligned} &= (20000 + 7000 + 900 + 60 + 0) \times (8) \\ &= (20000 \times 8) + (7000 \times 8) + (900 \times 8) + (60 \times 8) + (0 \times 8) \\ &= 160000 + 56000 + 7200 + 480 + 0 = \boxed{223680} \end{aligned}$$

4.  $32079 \times 9$

$$\begin{aligned} &= (30000 + 2000 + 0 + 70 + 9) \times (9) \\ &= (30000 \times 9) + (2000 \times 9) + (0 \times 9) + (70 \times 9) + (9 \times 9) \\ &= 270000 + 18000 + 0 + 630 + 81 = \boxed{288711} \end{aligned}$$

5.  $30107 \times 8$

$$\begin{aligned} &= (30000 + 0 + 100 + 0 + 7) \times (8) \\ &= (30000 \times 8) + (0 \times 8) + (100 \times 8) + (0 \times 8) + (7 \times 8) \\ &= 240000 + 0 + 800 + 0 + 56 = \boxed{240856} \end{aligned}$$

## Multiplication avec la Propriété Distributive (E)

Nom: \_\_\_\_\_ Date: \_\_\_\_\_ Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $67280 \times 2$

$$= (60000 + 7000 + 200 + 80 + 0) \times (2)$$

$$= (60000 \times 2) + (7000 \times 2) + (200 \times 2) + (80 \times 2) + (0 \times 2)$$

$$= 120000 + 14000 + 400 + 160 + 0 = \boxed{134560}$$

1.  $84625 \times 2$

2.  $45851 \times 4$

3.  $69225 \times 5$

4.  $44030 \times 2$

5.  $70514 \times 3$

## Multiplication avec la Propriété Distributive (E) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $67280 \times 2$

$$\begin{aligned} &= (60000 + 7000 + 200 + 80 + 0) \times (2) \\ &= (60000 \times 2) + (7000 \times 2) + (200 \times 2) + (80 \times 2) + (0 \times 2) \\ &= 120000 + 14000 + 400 + 160 + 0 = \boxed{134560} \end{aligned}$$

1.  $84625 \times 2$

$$\begin{aligned} &= (80000 + 4000 + 600 + 20 + 5) \times (2) \\ &= (80000 \times 2) + (4000 \times 2) + (600 \times 2) + (20 \times 2) + (5 \times 2) \\ &= 160000 + 8000 + 1200 + 40 + 10 = \boxed{169250} \end{aligned}$$

2.  $45851 \times 4$

$$\begin{aligned} &= (40000 + 5000 + 800 + 50 + 1) \times (4) \\ &= (40000 \times 4) + (5000 \times 4) + (800 \times 4) + (50 \times 4) + (1 \times 4) \\ &= 160000 + 20000 + 3200 + 200 + 4 = \boxed{183404} \end{aligned}$$

3.  $69225 \times 5$

$$\begin{aligned} &= (60000 + 9000 + 200 + 20 + 5) \times (5) \\ &= (60000 \times 5) + (9000 \times 5) + (200 \times 5) + (20 \times 5) + (5 \times 5) \\ &= 300000 + 45000 + 1000 + 100 + 25 = \boxed{346125} \end{aligned}$$

4.  $44030 \times 2$

$$\begin{aligned} &= (40000 + 4000 + 0 + 30 + 0) \times (2) \\ &= (40000 \times 2) + (4000 \times 2) + (0 \times 2) + (30 \times 2) + (0 \times 2) \\ &= 80000 + 8000 + 0 + 60 + 0 = \boxed{88060} \end{aligned}$$

5.  $70514 \times 3$

$$\begin{aligned} &= (70000 + 0 + 500 + 10 + 4) \times (3) \\ &= (70000 \times 3) + (0 \times 3) + (500 \times 3) + (10 \times 3) + (4 \times 3) \\ &= 210000 + 0 + 1500 + 30 + 12 = \boxed{211542} \end{aligned}$$

## Multiplication avec la Propriété Distributive (F)

Nom: \_\_\_\_\_ Date: \_\_\_\_\_ Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $95965 \times 9$   
 $= (90000 + 5000 + 900 + 60 + 5) \times (9)$   
 $= (90000 \times 9) + (5000 \times 9) + (900 \times 9) + (60 \times 9) + (5 \times 9)$   
 $= 810000 + 45000 + 8100 + 540 + 45 = \boxed{863685}$

1.  $47205 \times 3$

2.  $77551 \times 6$

3.  $58768 \times 3$

4.  $77650 \times 2$

5.  $36746 \times 4$

# Multiplication avec la Propriété Distributive (F) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $95965 \times 9$

$$\begin{aligned} &= (90000 + 5000 + 900 + 60 + 5) \times (9) \\ &= (90000 \times 9) + (5000 \times 9) + (900 \times 9) + (60 \times 9) + (5 \times 9) \\ &= 810000 + 45000 + 8100 + 540 + 45 = \boxed{863685} \end{aligned}$$

1.  $47205 \times 3$

$$\begin{aligned} &= (40000 + 7000 + 200 + 0 + 5) \times (3) \\ &= (40000 \times 3) + (7000 \times 3) + (200 \times 3) + (0 \times 3) + (5 \times 3) \\ &= 120000 + 21000 + 600 + 0 + 15 = \boxed{141615} \end{aligned}$$

2.  $77551 \times 6$

$$\begin{aligned} &= (70000 + 7000 + 500 + 50 + 1) \times (6) \\ &= (70000 \times 6) + (7000 \times 6) + (500 \times 6) + (50 \times 6) + (1 \times 6) \\ &= 420000 + 42000 + 3000 + 300 + 6 = \boxed{465306} \end{aligned}$$

3.  $58768 \times 3$

$$\begin{aligned} &= (50000 + 8000 + 700 + 60 + 8) \times (3) \\ &= (50000 \times 3) + (8000 \times 3) + (700 \times 3) + (60 \times 3) + (8 \times 3) \\ &= 150000 + 24000 + 2100 + 180 + 24 = \boxed{176304} \end{aligned}$$

4.  $77650 \times 2$

$$\begin{aligned} &= (70000 + 7000 + 600 + 50 + 0) \times (2) \\ &= (70000 \times 2) + (7000 \times 2) + (600 \times 2) + (50 \times 2) + (0 \times 2) \\ &= 140000 + 14000 + 1200 + 100 + 0 = \boxed{155300} \end{aligned}$$

5.  $36746 \times 4$

$$\begin{aligned} &= (30000 + 6000 + 700 + 40 + 6) \times (4) \\ &= (30000 \times 4) + (6000 \times 4) + (700 \times 4) + (40 \times 4) + (6 \times 4) \\ &= 120000 + 24000 + 2800 + 160 + 24 = \boxed{146984} \end{aligned}$$

## Multiplication avec la Propriété Distributive (G)

Nom: \_\_\_\_\_ Date: \_\_\_\_\_ Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $58937 \times 4$   
 $= (50000 + 8000 + 900 + 30 + 7) \times (4)$   
 $= (50000 \times 4) + (8000 \times 4) + (900 \times 4) + (30 \times 4) + (7 \times 4)$   
 $= 200000 + 32000 + 3600 + 120 + 28 = \boxed{235748}$

1.  $49951 \times 6$

2.  $97362 \times 8$

3.  $49332 \times 4$

4.  $29180 \times 2$

5.  $67277 \times 7$

# Multiplication avec la Propriété Distributive (G) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $58937 \times 4$

$$\begin{aligned} &= (50000 + 8000 + 900 + 30 + 7) \times (4) \\ &= (50000 \times 4) + (8000 \times 4) + (900 \times 4) + (30 \times 4) + (7 \times 4) \\ &= 200000 + 32000 + 3600 + 120 + 28 = \boxed{235748} \end{aligned}$$

1.  $49951 \times 6$

$$\begin{aligned} &= (40000 + 9000 + 900 + 50 + 1) \times (6) \\ &= (40000 \times 6) + (9000 \times 6) + (900 \times 6) + (50 \times 6) + (1 \times 6) \\ &= 240000 + 54000 + 5400 + 300 + 6 = \boxed{299706} \end{aligned}$$

2.  $97362 \times 8$

$$\begin{aligned} &= (90000 + 7000 + 300 + 60 + 2) \times (8) \\ &= (90000 \times 8) + (7000 \times 8) + (300 \times 8) + (60 \times 8) + (2 \times 8) \\ &= 720000 + 56000 + 2400 + 480 + 16 = \boxed{778896} \end{aligned}$$

3.  $49332 \times 4$

$$\begin{aligned} &= (40000 + 9000 + 300 + 30 + 2) \times (4) \\ &= (40000 \times 4) + (9000 \times 4) + (300 \times 4) + (30 \times 4) + (2 \times 4) \\ &= 160000 + 36000 + 1200 + 120 + 8 = \boxed{197328} \end{aligned}$$

4.  $29180 \times 2$

$$\begin{aligned} &= (20000 + 9000 + 100 + 80 + 0) \times (2) \\ &= (20000 \times 2) + (9000 \times 2) + (100 \times 2) + (80 \times 2) + (0 \times 2) \\ &= 40000 + 18000 + 200 + 160 + 0 = \boxed{58360} \end{aligned}$$

5.  $67277 \times 7$

$$\begin{aligned} &= (60000 + 7000 + 200 + 70 + 7) \times (7) \\ &= (60000 \times 7) + (7000 \times 7) + (200 \times 7) + (70 \times 7) + (7 \times 7) \\ &= 420000 + 49000 + 1400 + 490 + 49 = \boxed{470939} \end{aligned}$$

## Multiplication avec la Propriété Distributive (H)

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $35087 \times 3$

$$= (30000 + 5000 + 0 + 80 + 7) \times (3)$$

$$= (30000 \times 3) + (5000 \times 3) + (0 \times 3) + (80 \times 3) + (7 \times 3)$$

$$= 90000 + 15000 + 0 + 240 + 21 = \boxed{105261}$$

1.  $71359 \times 5$

2.  $52034 \times 9$

3.  $36902 \times 8$

4.  $71939 \times 2$

5.  $66937 \times 5$

# Multiplication avec la Propriété Distributive (H) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $35087 \times 3$

$$\begin{aligned} &= (30000 + 5000 + 0 + 80 + 7) \times (3) \\ &= (30000 \times 3) + (5000 \times 3) + (0 \times 3) + (80 \times 3) + (7 \times 3) \\ &= 90000 + 15000 + 0 + 240 + 21 = \boxed{105261} \end{aligned}$$

1.  $71359 \times 5$

$$\begin{aligned} &= (70000 + 1000 + 300 + 50 + 9) \times (5) \\ &= (70000 \times 5) + (1000 \times 5) + (300 \times 5) + (50 \times 5) + (9 \times 5) \\ &= 350000 + 5000 + 1500 + 250 + 45 = \boxed{356795} \end{aligned}$$

2.  $52034 \times 9$

$$\begin{aligned} &= (50000 + 2000 + 0 + 30 + 4) \times (9) \\ &= (50000 \times 9) + (2000 \times 9) + (0 \times 9) + (30 \times 9) + (4 \times 9) \\ &= 450000 + 18000 + 0 + 270 + 36 = \boxed{468306} \end{aligned}$$

3.  $36902 \times 8$

$$\begin{aligned} &= (30000 + 6000 + 900 + 0 + 2) \times (8) \\ &= (30000 \times 8) + (6000 \times 8) + (900 \times 8) + (0 \times 8) + (2 \times 8) \\ &= 240000 + 48000 + 7200 + 0 + 16 = \boxed{295216} \end{aligned}$$

4.  $71939 \times 2$

$$\begin{aligned} &= (70000 + 1000 + 900 + 30 + 9) \times (2) \\ &= (70000 \times 2) + (1000 \times 2) + (900 \times 2) + (30 \times 2) + (9 \times 2) \\ &= 140000 + 2000 + 1800 + 60 + 18 = \boxed{143878} \end{aligned}$$

5.  $66937 \times 5$

$$\begin{aligned} &= (60000 + 6000 + 900 + 30 + 7) \times (5) \\ &= (60000 \times 5) + (6000 \times 5) + (900 \times 5) + (30 \times 5) + (7 \times 5) \\ &= 300000 + 30000 + 4500 + 150 + 35 = \boxed{334685} \end{aligned}$$

## Multiplication avec la Propriété Distributive (I)

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $67222 \times 5$

$$= (60000 + 7000 + 200 + 20 + 2) \times (5)$$

$$= (60000 \times 5) + (7000 \times 5) + (200 \times 5) + (20 \times 5) + (2 \times 5)$$

$$= 300000 + 35000 + 1000 + 100 + 10 = \boxed{336110}$$

1.  $84363 \times 2$

2.  $29466 \times 7$

3.  $18706 \times 8$

4.  $10936 \times 4$

5.  $40455 \times 4$

# Multiplication avec la Propriété Distributive (I) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $67222 \times 5$

$$\begin{aligned} &= (60000 + 7000 + 200 + 20 + 2) \times (5) \\ &= (60000 \times 5) + (7000 \times 5) + (200 \times 5) + (20 \times 5) + (2 \times 5) \\ &= 300000 + 35000 + 1000 + 100 + 10 = \boxed{336110} \end{aligned}$$

1.  $84363 \times 2$

$$\begin{aligned} &= (80000 + 4000 + 300 + 60 + 3) \times (2) \\ &= (80000 \times 2) + (4000 \times 2) + (300 \times 2) + (60 \times 2) + (3 \times 2) \\ &= 160000 + 8000 + 600 + 120 + 6 = \boxed{168726} \end{aligned}$$

2.  $29466 \times 7$

$$\begin{aligned} &= (20000 + 9000 + 400 + 60 + 6) \times (7) \\ &= (20000 \times 7) + (9000 \times 7) + (400 \times 7) + (60 \times 7) + (6 \times 7) \\ &= 140000 + 63000 + 2800 + 420 + 42 = \boxed{206262} \end{aligned}$$

3.  $18706 \times 8$

$$\begin{aligned} &= (10000 + 8000 + 700 + 0 + 6) \times (8) \\ &= (10000 \times 8) + (8000 \times 8) + (700 \times 8) + (0 \times 8) + (6 \times 8) \\ &= 80000 + 64000 + 5600 + 0 + 48 = \boxed{149648} \end{aligned}$$

4.  $10936 \times 4$

$$\begin{aligned} &= (10000 + 0 + 900 + 30 + 6) \times (4) \\ &= (10000 \times 4) + (0 \times 4) + (900 \times 4) + (30 \times 4) + (6 \times 4) \\ &= 40000 + 0 + 3600 + 120 + 24 = \boxed{43744} \end{aligned}$$

5.  $40455 \times 4$

$$\begin{aligned} &= (40000 + 0 + 400 + 50 + 5) \times (4) \\ &= (40000 \times 4) + (0 \times 4) + (400 \times 4) + (50 \times 4) + (5 \times 4) \\ &= 160000 + 0 + 1600 + 200 + 20 = \boxed{161820} \end{aligned}$$

## Multiplication avec la Propriété Distributive (J)

Nom: \_\_\_\_\_ Date: \_\_\_\_\_ Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $57974 \times 6$   
 $= (50000 + 7000 + 900 + 70 + 4) \times (6)$   
 $= (50000 \times 6) + (7000 \times 6) + (900 \times 6) + (70 \times 6) + (4 \times 6)$   
 $= 300000 + 42000 + 5400 + 420 + 24 = \boxed{347844}$

1.  $13123 \times 6$

2.  $52345 \times 4$

3.  $99183 \times 9$

4.  $16076 \times 4$

5.  $85493 \times 3$

## Multiplication avec la Propriété Distributive (J) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

Note: \_\_\_\_\_

Utilisez la propriété distributive de la multiplication pour calculer chaque produit.

Ex.  $57974 \times 6$

$$\begin{aligned} &= (50000 + 7000 + 900 + 70 + 4) \times (6) \\ &= (50000 \times 6) + (7000 \times 6) + (900 \times 6) + (70 \times 6) + (4 \times 6) \\ &= 300000 + 42000 + 5400 + 420 + 24 = \boxed{347844} \end{aligned}$$

1.  $13123 \times 6$

$$\begin{aligned} &= (10000 + 3000 + 100 + 20 + 3) \times (6) \\ &= (10000 \times 6) + (3000 \times 6) + (100 \times 6) + (20 \times 6) + (3 \times 6) \\ &= 60000 + 18000 + 600 + 120 + 18 = \boxed{78738} \end{aligned}$$

2.  $52345 \times 4$

$$\begin{aligned} &= (50000 + 2000 + 300 + 40 + 5) \times (4) \\ &= (50000 \times 4) + (2000 \times 4) + (300 \times 4) + (40 \times 4) + (5 \times 4) \\ &= 200000 + 8000 + 1200 + 160 + 20 = \boxed{209380} \end{aligned}$$

3.  $99183 \times 9$

$$\begin{aligned} &= (90000 + 9000 + 100 + 80 + 3) \times (9) \\ &= (90000 \times 9) + (9000 \times 9) + (100 \times 9) + (80 \times 9) + (3 \times 9) \\ &= 810000 + 81000 + 900 + 720 + 27 = \boxed{892647} \end{aligned}$$

4.  $16076 \times 4$

$$\begin{aligned} &= (10000 + 6000 + 0 + 70 + 6) \times (4) \\ &= (10000 \times 4) + (6000 \times 4) + (0 \times 4) + (70 \times 4) + (6 \times 4) \\ &= 40000 + 24000 + 0 + 280 + 24 = \boxed{64304} \end{aligned}$$

5.  $85493 \times 3$

$$\begin{aligned} &= (80000 + 5000 + 400 + 90 + 3) \times (3) \\ &= (80000 \times 3) + (5000 \times 3) + (400 \times 3) + (90 \times 3) + (3 \times 3) \\ &= 240000 + 15000 + 1200 + 270 + 9 = \boxed{256479} \end{aligned}$$