Name: _____   Date: _____   Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. $46 \times 16$
$= (40 + 6) \times (10 + 6)$
$= (40 \times 10) + (40 \times 6) + (6 \times 10) + (6 \times 6)$
$= 400 + 240 + 60 + 36 = \boxed{736}$

1. $97 \times 51$

2. $74 \times 35$

3. $59 \times 36$

4. $30 \times 51$

5. $54 \times 80$

# Distributive Property Multiplication (B) Answers

Name: _____

Date: _____

Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. $46 \times 16$
$= (40 + 6) \times (10 + 6)$
$= (40 \times 10) + (40 \times 6) + (6 \times 10) + (6 \times 6)$
$= 400 + 240 + 60 + 36 = \boxed{736}$

1. $97 \times 51$
$= (90 + 7) \times (50 + 1)$
$= (90 \times 50) + (90 \times 1) + (7 \times 50) + (7 \times 1)$
$= 4500 + 90 + 350 + 7 = \boxed{4947}$

2. $74 \times 35$
$= (70 + 4) \times (30 + 5)$
$= (70 \times 30) + (70 \times 5) + (4 \times 30) + (4 \times 5)$
$= 2100 + 350 + 120 + 20 = \boxed{2590}$

3. $59 \times 36$
$= (50 + 9) \times (30 + 6)$
$= (50 \times 30) + (50 \times 6) + (9 \times 30) + (9 \times 6)$
$= 1500 + 300 + 270 + 54 = \boxed{2124}$

4. $30 \times 51$
$= (30 + 0) \times (50 + 1)$
$= (30 \times 50) + (30 \times 1) + (0 \times 50) + (0 \times 1)$
$= 1500 + 30 + 0 + 0 = \boxed{1530}$

5. $54 \times 80$
$= (50 + 4) \times (80 + 0)$
$= (50 \times 80) + (50 \times 0) + (4 \times 80) + (4 \times 0)$
$= 4000 + 0 + 320 + 0 = \boxed{4320}$

Math-Drills.com