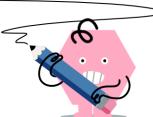


# mobius

# Algebraic Functions - Simplify to Bracketed Terms, Different Variables,



| 1 Which answers the same expression as this | 2 | Which answer is the same expression as this |
|---------------------------------------------|---|---------------------------------------------|
| expression as this                          |   | expression as this                          |

# 24zx + 28x + 54z + 636nb + 54b + 4n + 36

| Α | (4z + 24)(6x + 28) | В | (4z + 24)(6x + 7) | Α | (6n+6)(9b-9) | В | (6n+6)(6b+54) |
|---|--------------------|---|-------------------|---|--------------|---|---------------|
| С | (6z+7)(4x+9)       | D | (z-6)(4x+7)       | С | (n-6)(6b+9)  | D | (n+6)(9b+54)  |
| E | (9z+6)(7x+28)      | F | (6z+6)(7x-7)      | E | (n+9)(6b+4)  | F | (6n+6)(6b+9)  |

Which answer is the same expression as this

Which answer is the same expression as this

#### 6cz + 24z + 6c + 24 | 14nb + 49b + 8n + 28 |

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| Α | (3c+2)(8z+24) | В | (3c+6)(2z+8) | Α | (2n+2)(7b-7)   | В | (4n+2)(7b+49) |
|---|---------------|---|--------------|---|----------------|---|---------------|
| С | (2c+2)(8z-8)  | D | (2c+8)(3z+3) | С | (7n+14)(2b+49) | D | (7n+14)(2b+7) |
| Е | (3c+6)(2z+24) | F | (c-2)(3z+8)  | Е | (n-2)(7b+7)    | F | (2n+7)(7b+4)  |

Which answer is the same expression as this

Which answer is the same expression as this

# 2bx + 12x + 7b + 4227mc + 54c + 12m + 24

| Α | (b+5)(6x+12) | В | (5b+5)(6x-6)  | Α | (3m+6)(9c+4)      | В | (9m + 27)(3c + 54) |
|---|--------------|---|---------------|---|-------------------|---|--------------------|
| С | (2b+2)(5x+6) | D | (b-5)(2x+6)   | С | (m-3)(9c+6)       | D | (3m+3)(6c-6)       |
| E | (b+6)(2x+7)  | F | (2b+2)(5x+12) | E | (9m + 27)(3c + 6) | F | (4m+3)(6c+54)      |

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Which answer is the same expression as this

Which answer is the same expression as this

# 6zd + 42d + 8z + 56 4bz + 28z + 7b + 49

| Α | (z-5)(6d+7)   | В | (6z+6)(5d+7) | Α | (4b+4)(7z+28) | В | (7b+7)(7z-7) |
|---|---------------|---|--------------|---|---------------|---|--------------|
| С | (6z+6)(5d+42) | D | (z+5)(7d+42) | С | (b-7)(4z+7)   | D | (4b+4)(7z+7) |
| E | (z+7)(6d+8)   | F | (5z+5)(7d-7) | E | (b+7)(4z+7)   | F | (b+7)(7z+28) |