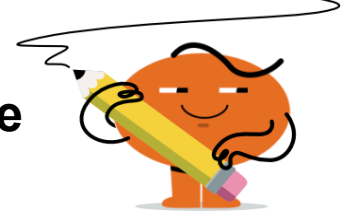




## Algebraic Functions - Different Variable Times Bracketed Terms



**1** Which answer is the same expression as this

$$x(8c - 7)$$

- |   |             |   |             |
|---|-------------|---|-------------|
| A | $8xc + 7x$  | B | $8xc - 7x$  |
| C | $7xc + 7$   | D | $xc + x$    |
| E | $8x^2 + 7x$ | F | $7c^2 + 7x$ |

**2** Which answer is the same expression as this

$$2d(7 - n)$$

- |   |             |   |            |
|---|-------------|---|------------|
| A | $14d - 2dn$ | B | $7n - 7d$  |
| C | $9dn + 7d$  | D | $7d + dn$  |
| E | $14dn + 7d$ | F | $14dn + 7$ |

**3** Which answer is the same expression as this

$$9c(8 - x)$$

- |   |             |   |             |
|---|-------------|---|-------------|
| A | $17cx + 8c$ | B | $8x - 8c$   |
| C | $72cx + 8c$ | D | $72c - 9cx$ |
| E | $72cx + 8$  | F | $8c + cx$   |

**4** Which answer is the same expression as this

$$7z(3 - c)$$

- |   |             |   |             |
|---|-------------|---|-------------|
| A | $21z - 7zc$ | B | $3z + zc$   |
| C | $3c - 3z$   | D | $21zc + 3$  |
| E | $10zc + 3z$ | F | $21zc + 3z$ |

**5** Which answer is the same expression as this

$$8r(8 - y)$$

- |   |             |   |             |
|---|-------------|---|-------------|
| A | $16ry + 8r$ | B | $8y - 8r$   |
| C | $64ry + 8$  | D | $64ry + 8r$ |
| E | $64r - 8ry$ | F | $8r + ry$   |

**6** Which answer is the same expression as this

$$9r(2 - z)$$

- |   |             |   |             |
|---|-------------|---|-------------|
| A | $18rz + 2$  | B | $2z - 2r$   |
| C | $18r - 9rz$ | D | $11rz + 2r$ |
| E | $2r + rz$   | F | $18rz + 2r$ |

**7** Which answer is the same expression as this

$$d(2r + 7)$$

- |   |             |   |            |
|---|-------------|---|------------|
| A | $r^2 + 7d$  | B | $dr + 2d$  |
| C | $7d^2 + 7d$ | D | $7dr + 7$  |
| E | $2dr - 7d$  | F | $2dr + 7d$ |

**8** Which answer is the same expression as this

$$5c(2 - x)$$

- |   |            |   |             |
|---|------------|---|-------------|
| A | $7cx + 2c$ | B | $10cx + 2c$ |
| C | $2c + cx$  | D | $10c - 5cx$ |
| E | $10cx + 2$ | F | $2x - 2c$   |