



Math worksheet on 'Algebraic Functions - Remove Different Variable From Bracketed Terms (Level 2)'.
Part of a broader unit on 'Polynomials and Quadratics - Advanced'

Learn online:

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2 Which answer is the same expression as this

$$15py - 21p$$

- | | | | |
|----------|--------------|----------|--------------|
| a | $7(p - y)$ | b | $15y(p - 7)$ |
| c | $3p(5y - 7)$ | d | $7(p + y)$ |
| e | $15p(y + 7)$ | f | $y(p + 7)$ |

4 Which answer is the same expression as this

$$24zm - 40z$$

- | | | | |
|----------|--------------|----------|--------------|
| a | $5(z + m)$ | b | $8z(3m - 5)$ |
| c | $24m(z - 5)$ | d | $m(z + 5)$ |
| e | $24z(m + 5)$ | f | $5(z - m)$ |

6 Which answer is the same expression as this

$$6rd - 21r$$

- | | | | |
|----------|-------------|----------|--------------|
| a | $6r(d + 7)$ | b | $3r(2d - 7)$ |
| c | $6d(r - 7)$ | d | $7(r - d)$ |
| e | $7(r + d)$ | f | $d(r + 7)$ |

1 Which answer is the same expression as this

$$18yc - 27y$$

- | | | | |
|----------|--------------|----------|--------------|
| a | $3(y + c)$ | b | $3(y - c)$ |
| c | $c(y + 3)$ | d | $18y(c + 3)$ |
| e | $9y(2c - 3)$ | f | $18c(y - 3)$ |

3 Which answer is the same expression as this

$$14rb - 10r$$

- | | | | |
|----------|--------------|----------|--------------|
| a | $14r(b + 5)$ | b | $2r(7b - 5)$ |
| c | $14b(r - 5)$ | d | $b(r + 5)$ |
| e | $5(r + b)$ | f | $5(r - b)$ |

5 Which answer is the same expression as this

$$27yd + 63y$$

- | | | | |
|----------|-------------|----------|--------------|
| a | $d(y + 7)$ | b | $9d(y - 7)$ |
| c | $9y(d - 7)$ | d | $277(y - d)$ |
| e | $7(y + d)$ | f | $9y(3d + 7)$ |

7 Which answer is the same expression as this

$$21md + 9m$$

- | | | | |
|----------|--------------|----------|-------------|
| a | $3m(7d + 3)$ | b | $3(m + d)$ |
| c | $213(m - d)$ | d | $3m(d - 3)$ |
| e | $3d(m - 3)$ | f | $d(m + 3)$ |