

Clip 100: Amnewid 2

Ymarfer A: Trefn Gweithrediadau

Rhowch ystyr y term CORLAT i lawr isod:

- C _____
- O _____
- R _____
- L _____
- A _____
- T _____

1. Gan ddefnyddio'r trefn iawn, cyfrifwch gwerth y canlynol:

- | | |
|-------------------------|----------------------------|
| a.) $3^2 + 1 =$ _____ | d.) $2(3 + 1) =$ _____ |
| b.) $3 + 2^2 =$ _____ | dd.) $4(2 + 2) =$ _____ |
| c.) $3(2 + 1) =$ _____ | e.) $2(2 + 4) =$ _____ |
| ch.) $4(2 + 3) =$ _____ | f.) $4(1 + 2 + 3) =$ _____ |

Algebra

2. Beth yw ystyr:

- | | | |
|-----------------------------|--------------------|--------------------|
| a.) $3a = 3 \times a$ _____ | c.) $d^2 =$ _____ | d.) $ab =$ _____ |
| b.) $4x =$ _____ | ch.) $a^2 =$ _____ | dd.) $xyz =$ _____ |

Ymarfer B: Amnewid

A. Yn y cwestiynau isod mae **a = 2**, **b = 6**. Cyfrifwch gwerth y mynegiadau canlynol:

- | | |
|------------------------------|----------------------|
| 1) (i) $a + 10$ _____ | (vi) $a + b$ _____ |
| (ii) $6 - a$ _____ | (vii) $b - a$ _____ |
| (iii) $b + 3$ _____ | (viii) $a - b$ _____ |
| (iv) $b + 1$ _____ | (ix) $a + b$ _____ |
| (v) $b - 2$ _____ | (x) $20 - a$ _____ |
| 2) (i) $3b$ _____ | (vi) $2ab$ _____ |
| (ii) $4a$ _____ | (vii) $3a$ _____ |
| (iii) $6b$ _____ | (viii) b^2 _____ |
| (iv) ab _____ | (ix) d^2 _____ |
| (v) ba _____ | (x) $2a^2$ _____ |

B. Yn y cwetsiynau isod mae $a = 1$, $b = 5$, $c = 3$, $d = 6$, Cyfrifwch gwerth y mynegiadau canlynol

- 3)**
- | | |
|-----------------------|--------------------------|
| (i) a^2 _____ | (vi) bc _____ |
| (ii) c^2 _____ | (vii) cd _____ |
| (iii) $d^2 + a$ _____ | (viii) $c^2 + c^2$ _____ |
| (iv) $d^2 + c$ _____ | (ix) $cd + ad$ _____ |
| (v) a^2 _____ | (x) $d^2 - a$ _____ |
-
- 4)**
- | | |
|------------------------|-------------------------|
| (i) $c + a + b$ _____ | (viii) $3bd - a$ _____ |
| (ii) $b + d - c$ _____ | (ix) $3(b + a)$ _____ |
| (iii) $2d + 3b$ _____ | (x) $ba + c^2$ _____ |
| (iv) $3a - 2b$ _____ | (xi) $b^2 - ca$ _____ |
| (v) $2(c + d)$ _____ | (xii) $d \div 2$ _____ |
| (vi) $4(b - a)$ _____ | (xiii) $d \div 3$ _____ |
| (vii) $3bc + a$ _____ | (xiv) $ba + c^2$ _____ |

Cwestiwn Ymestyn:

C. Yn y cwestiynau nesaf, mae $a = 2$, $b = -3$, $c = 5$

- a.) $b + c =$ _____
- b.) $b + a =$ _____
- c.) $a + b + c =$ _____
- ch.) $b + ac =$ _____
- c.) $b - a =$ _____
- d.) $b - a =$ _____