

# Ailgéabar

# Algebra



## Ailgéabar le Suimiú agus Dealú

$a = 2$

$b = 4$

$c = 5$

$d = 8$

$e = 10$

$a + b = ?$

$2 + 4 = 6$

$c + d = ?$

$5 + 8 = 13$

$a + c + e = ?$

$2 + 5 + 10 = 17$

$b - a = ?$

$4 - 2 = 2$

$d - c = ?$

$8 - 5 = 3$

$e - a = ?$

$10 - 2 = 8$

$e + c - d = ?$

$10 + 5 - 8 = 7$

$v = 1$

$w = 2$

$x = 4$

$y = 5$

$z = 10$

1)  $v + w =$  \_\_\_\_\_

2)  $x + y =$  \_\_\_\_\_

3)  $x + y + z =$  \_\_\_\_\_

4)  $w + x + y + z =$  \_\_\_\_\_

5)  $v + w + x + y + z =$  \_\_\_\_\_

6)  $w - v =$  \_\_\_\_\_

7)  $y - x =$  \_\_\_\_\_

8)  $z - y =$  \_\_\_\_\_

9)  $y - w =$  \_\_\_\_\_

10)  $z - v =$  \_\_\_\_\_

11)  $z + y - x =$  \_\_\_\_\_

12)  $z + x - w =$  \_\_\_\_\_

13)  $y + x + w - v =$  \_\_\_\_\_

14)  $y + x + w - z =$  \_\_\_\_\_

15)  $z + z + y - y =$  \_\_\_\_\_

## Algebra with Addition and Subtraction

$a = 2$

$b = 4$

$c = 5$

$d = 8$

$e = 10$

$a + b = ?$

$2 + 4 = 6$

$c + d = ?$

$5 + 8 = 13$

$a + c + e = ?$

$2 + 5 + 10 = 17$

$b - a = ?$

$4 - 2 = 2$

$d - c = ?$

$8 - 5 = 3$

$e - a = ?$

$10 - 2 = 8$

$e + c - d = ?$

$10 + 5 - 8 = 7$

$v = 1$

$w = 2$

$x = 4$

$y = 5$

$z = 10$

1)  $v + w = \underline{\hspace{2cm}}$

2)  $x + y = \underline{\hspace{2cm}}$

3)  $x + y + z = \underline{\hspace{2cm}}$

4)  $w + x + y + z = \underline{\hspace{2cm}}$

5)  $v + w + x + y + z = \underline{\hspace{2cm}}$

6)  $w - v = \underline{\hspace{2cm}}$

7)  $y - x = \underline{\hspace{2cm}}$

8)  $z - y = \underline{\hspace{2cm}}$

9)  $y - w = \underline{\hspace{2cm}}$

10)  $z - v = \underline{\hspace{2cm}}$

11)  $z + y - x = \underline{\hspace{2cm}}$

12)  $z + x - w = \underline{\hspace{2cm}}$

13)  $y + x + w - v = \underline{\hspace{2cm}}$

14)  $y + x + w - z = \underline{\hspace{2cm}}$

15)  $z + z + y - y = \underline{\hspace{2cm}}$

## Ailgéabar le hloirú agus Roinnt

$a = 2$

$b = 4$

$c = 5$

$d = 8$

$e = 10$

loirú....

$3a \rightarrow 3 \times a = \rightarrow 3 \times 2 = 6$

$5b \rightarrow 5 \times b = \rightarrow 5 \times 4 = 20$

$cd \rightarrow 5 \times 8 = \rightarrow 5 \times 8 = 40$

$2de \rightarrow 2 \times d \times e = \rightarrow 2 \times 8 \times 10 = 160$

Roinnt....

$\frac{b}{2} \rightarrow b \div 2 = \rightarrow 4 \div 2 = 2$

$\frac{d}{2} \rightarrow b \div 2 = \rightarrow 4 \div 2 = 2$

$\frac{d}{a} \rightarrow b \div 2 = \rightarrow 4 \div 2 = 2$

$\frac{e}{c} \rightarrow b \div 2 = \rightarrow 4 \div 2 = 2$

$p = 1$

$q = 3$

$r = 5$

$s = 6$

$t = 10$

1)  $2p =$  \_\_\_\_\_

2)  $3q =$  \_\_\_\_\_

3)  $5s =$  \_\_\_\_\_

4)  $8t =$  \_\_\_\_\_

5)  $qr =$  \_\_\_\_\_

6)  $rs =$  \_\_\_\_\_

7)  $2rs =$  \_\_\_\_\_

8)  $4qs =$  \_\_\_\_\_

9)  $\frac{s}{2} =$  \_\_\_\_\_

10)  $\frac{10}{2} =$  \_\_\_\_\_

11)  $\frac{t}{r} =$  \_\_\_\_\_

12)  $\frac{s}{q} =$  \_\_\_\_\_

## Algebra with Multiplication and Division

$a = 2$

$b = 4$

$c = 5$

$d = 8$

$e = 10$

Multiplication....

$3a \rightarrow 3 \times a = \rightarrow 3 \times 2 = 6$

$5b \rightarrow 5 \times b = \rightarrow 5 \times 4 = 20$

$cd \rightarrow 5 \times 8 = \rightarrow 5 \times 8 = 40$

$2de \rightarrow 2 \times d \times e = \rightarrow 2 \times 8 \times 10 = 160$

Division....

$\frac{b}{2} \rightarrow b \div 2 = \rightarrow 4 \div 2 = 2$

$\frac{d}{2} \rightarrow b \div 2 = \rightarrow 4 \div 2 = 2$

$\frac{d}{a} \rightarrow b \div 2 = \rightarrow 4 \div 2 = 2$

$\frac{e}{c} \rightarrow b \div 2 = \rightarrow 4 \div 2 = 2$

$p = 1$

$q = 3$

$r = 5$

$s = 6$

$t = 10$

1)  $2p =$  \_\_\_\_\_

2)  $3q =$  \_\_\_\_\_

3)  $5s =$  \_\_\_\_\_

4)  $8t =$  \_\_\_\_\_

5)  $qr =$  \_\_\_\_\_

6)  $rs =$  \_\_\_\_\_

7)  $2rs =$  \_\_\_\_\_

8)  $4qs =$  \_\_\_\_\_

9)  $\frac{s}{2} =$  \_\_\_\_\_

10)  $\frac{10}{2} =$  \_\_\_\_\_

11)  $\frac{t}{r} =$  \_\_\_\_\_

12)  $\frac{s}{q} =$  \_\_\_\_\_