Order of Operations BODMAS

$$2+3\times4-6\div2+3\times4-1$$

$$3\times5+2\times\left(2\times(3+2)^2-\sqrt{4}\times3^2+4\right)^{\frac{1}{2}}+(7-2)\div5+2$$

Order of Operations BODMAS

$6 + 3 \div 3 = 6 + 1 = 7$ ✓

$6 + 3 \div 3 = 9 \div 3 = 3$ ✗

Order of Operations BODMAS

$$2+3\times4-6\div2+3\times4-1$$

$$3\times5+2\times\left(2\times(3+2)^2-\sqrt{4}\times3^2+4\right)^{\frac{1}{2}}+(7-2)\div5+2$$

B

O

D M

A S

Order of Operations BODMAS

$$2+3\times4-6\div2+3\times4-1$$

$$3\times5+2\times\left(2\times\left(3+2\right)^{2}-\sqrt{4}\times3^{2}+4\right)^{\frac{1}{2}}+(7-2)\div5+2$$

B Brackets

O

D M

A S

$$5\times(1+2)=5\times3=15$$

Order of Operations BODMAS

$$2+3\times4-6\div2+3\times4-1$$

$$3\times5+2\times\left(2\times\left(3+2\right)^{2}-\sqrt{4}\times8^{2}+4\right)^{\frac{1}{2}}+\left(7-2\right)\div5+2$$

B Brackets

O Orders & Operations

D M

A S

$2+8^{2}=2+9=11$ ✓

$(2+3)^{2}=5^{2}=25$ ✗

$(2+8)^{2}=10^{2}=25$ ✓

Order of Operations BODMAS

$$2+3\times4-6\div2+3\times4-1$$

$$3\times5+2\times\left(2\times\left(3+2\right)^{2}-\sqrt{4}\times3^{2}+4\right)^{\frac{1}{2}}+(7-2)\div5+2$$

B Brackets

O Orders & Operations

D M Division & Multiplication (left-to-right)

A S

$6+4\div2 = 6+2 = 8$ ✓

$6+4\div2 = 10\div2 = 6$ ✗

$(6+4)\div2 = 10\div2 = 5$ ✓

$6\div3\times2 = 2\times2 = 4$ ✓

$6\div3\times2 = 6\div6 = 1$ ✗

$6\div(3\times2) = 6\div6 = 1$ ✓

$48\div4\div2 = 12\div2 = 6$ ✓

$48\div4\div2 = 48\div2 = 24$ ✗

Order of Operations BODMAS

$$2+3\times4-6\div2+3\times4-1$$

$$3\times5+2\times\left(2\times\left(3+2\right)^2-\sqrt{4}\times3^2+4\right)^{\frac{1}{2}}+(7-2)\div5+2$$

B Brackets

O Orders & Operations

D M → Division & Multiplication (left-to-right)

A S → Addition & Subtraction (left-to-right)

$5-1+2=4+2=6$ ✓

$5-1+2=5-3=2$ ✗

$5-(1+2)=5-3=2$ ✓

$6-2-1=4-1=3$ ✓

$6-2-1=6-1=5$ ✗

$6-(2-1)=6-1=5$ ✓

Order of Operations BODMAS

$$2+3\times4-6\div2+3\times4-1$$

$$3\times5+2\times\left(2\times\left(3+2\right)^{2}-\sqrt{4}\times3^{2}+4\right)^{\frac{1}{2}}+(7-2)\div5+2$$

B Brackets

O Orders & Operations

D M → Division & Multiplication (left-to-right)

A S → Addition & Subtraction (left-to-right)

Order of Operations BODMAS

$$2 + 3 \times 4 - 6 \div 2 + 3 \times 4 - 1$$

$$= 2 + 12 - 3 + 12 - 1$$

$$= 14 - 3 + 12 - 1$$

$$= 11 + 12 - 1$$

$$= 23 - 1$$

$$= 22$$

Order of Operations BODMAS

$$3\times5+2\times\left(2\times(3+2)^2-\sqrt{4}\times3^2+4\right)^{\frac{1}{2}}+(7-2)\div5+2$$

$2\times(3+2)^2-\sqrt{4}\times3^2+4$

$=2\times 5^2-\sqrt{4}\times3^2+4$

$=2\times25-2\times9+4$

$=50-18+4$

$=32+4$

$=36$

$=3\times5+2\times36^{\frac{1}{2}}+(7-2)\div5+2$

$=3\times5+2\times36^{\frac{1}{2}}+5\div5+2$

$(36^{\frac{1}{2}}=\sqrt{36}=6)$

$=3\times5+2\times6+5\div5+2$

$=15+12+1+2$

$=27+1+2$

$=28+2$

$=30$