## BODMAS

When carrying out a calculation we give priority to certain operations. For example, on your calculator type $5+2 \times 3$. Older calculators will give the answer 21, while newer calculators give the correct answer of 11 . This is because multiplication gets priority before addition. The complete order is:

## Brackets, Others, Division and Multiplication, Addition and Subtraction

a) $3+4 \times 2$
$=3+8$
b) $3+8 \div 4-1$
c) $27 \div 3^{2}+2$
d) $4 x(7-5)+3$
$=11$
$=3+2-1$
$=27 \div 9+2$
$=4 \times 2+3$
$=4$
$=3+2$
$=8+3$
$=5 \quad=11$

## Exercise

1. $2+4 \times 3$
2. $6 \div 2+5$
3. $2+4 \times 5-1$
4. $(2+4) \times 3$
5. $10-4 \times 2$
6. $3+4^{2}-2$
7. $8-\frac{1}{2}$ of 12
8. $15-7 \times 2+4$

Challenge
$13+2^{3} \div 4-3 \times 2$

## Answers (Bodmas)

1. 14
2. 8
3. 21
4. 18
5. 2
6. 17
7. 2
8. 5

Challenge
9

