

1. (a) Using a scientific calculator work out  $16 + 4 \div 2$

(a) .....

- (b) Try out these two methods

(i)  $\frac{16 + 4}{\quad} \div \frac{2}{\quad}$

(ii)  $\frac{16}{\quad} + \frac{4 \div 2}{\quad}$

$\frac{\quad}{\quad} \div \frac{2}{\quad} = \frac{\quad}{\quad}$

$\frac{16}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad}$

- (c) Which is the correct way in part (b) to work out  $16 + 4 \div 2$  (i) + first or (ii)  $\div$  first?

(c) .....

2. (a) Using a scientific calculator work out  $16 \div 2 + 6$

(a) .....

- (b) Try out these two methods

(i)  $\frac{16 \div 2}{\quad} + \frac{6}{\quad}$

(ii)  $\frac{16}{\quad} \div \frac{2 + 6}{\quad}$

$\frac{\quad}{\quad} + \frac{2}{\quad} = \frac{\quad}{\quad}$

$\frac{16}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad}$

- (c) Which is the correct way in part (b) to work out  $16 + 4 \div 2$  (i)  $\div$  first or (ii) + first?

(c) .....

3. (a) Using a scientific calculator work out  $6 \times 5 - 2$

(a) .....

- (b) Try out these two methods

(i)  $\frac{6 \times 5}{\quad} - \frac{2}{\quad}$

(ii)  $\frac{6}{\quad} \times \frac{5 - 2}{\quad}$

$\frac{\quad}{\quad} - \frac{2}{\quad} = \frac{\quad}{\quad}$

$\frac{6}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

- (c) Which is the correct way in part (b) to work out  $6 \times 5 - 2$  (i)  $\times$  first or (ii) - first?

(c) .....

4. (a) Using a scientific calculator work out  $15 - 3 \times 2$

(a) .....

- (b) Try out these two methods

i)  $\frac{15 - 3}{\quad} \times \frac{2}{\quad}$

ii)  $\frac{15}{\quad} - \frac{3 \times 2}{\quad}$

$\frac{\quad}{\quad} \times \frac{2}{\quad} = \frac{\quad}{\quad}$

$\frac{15}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$

- (c) Which is the correct way in part (b) to work out  $15 - 3 \times 2$  (i) - first or (ii)  $\times$  first?

(c) .....

Answers for page 2

Please turn over for more questions and answers

5) a) 14   b) 18   c) 14   d) 4   e) 35   f) 16

## 5. NO Calculator

(a) Work out  $12 + 6 \div 3$

(a) .....

(b) Work out  $12 + 3 \times 2$

(b) .....

(c) Work out  $16 - 4 \div 2$

(c) .....

(d) Work out  $10 - 2 \times 3$

(d) .....

(e) Work out  $40 - 20 \div 4$

(e) .....

(f) Work out  $10 + 2 \times 3$

(f) .....

Answers for page 1 1a)18 b i)10 ii) 18 c)  $\div$  2a)14 b i)14 ii) 2 c)  $\div$   
3a)28 b i) 28 ii) 18 c)  $\times$  4a) 9 bi)10 ii) 9 c)  $\times$  first