

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

(a)

- (b) Try out these two methods

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

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

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

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

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

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

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

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

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

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

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

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

- (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) $\frac{15 - 3}{\times} \frac{2}{}$

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

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

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

- (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