

Varied Fluency Mental Calculations

Developing

- 1a. **B**
2a. **False, it is more efficient to work out**
 $£6,500 - £3,500 = £3,000$ then
 $£3,000 - £1,900 = £1,100$
3a. **A. 1,000; B. 3,000**
4a. **80**

Expected

- 5a. **B, C and D**
6a. **False, it is more efficient to work out**
 $£5,850.95 - £1,350.95 = £4,500$ then
 $£4,500 - £2,475.50 = £2,024.50$
7a. **A. 2,500; B. 4,000; C. 3,500**
8a. **40**

Greater Depth

- 9a. **A and B**
10a. **False, it is more efficient to work out**
 $£3,416.82 + £583.18 = £4,000$ then
 $£4,000 + £2,698.50 = £6,698.50$ then
 $£6,698.50 - £398.50 = £6,300$
11a. **7,500**
12a. **10**

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- 1b. **D**
2b. **True**
3b. **A. 500; B. 4,000**
4b. **70**

Expected

- 5b. **A and D**
6b. **False, it is more efficient to work out**
 $£3,291.43 + £2,708.57 = £6,000$ then
 $£6,000 + £3,278.19 = £9,278.19$
7b. **A. 1,000; B. 3,000; C. 4,000**
8b. **20**

Greater Depth

- 9b. **B, C and D**
10b. **False, it is more efficient to work out**
 $£5,347.29 + £1,652.71 = £7,000$ then
 $£7,000 + £978.75 = £7,978.75$ then
 $£7,978.75 - £478.25 = £7,500.50$
11b. **9,500**
12b. **20**