Miss Hughes' group – Reasoning and problem solving answers

Bronze

1a. Emma has £2 and 50p more than Tom because £6 and 80p – £4 and 30p = £2 and 50p.

2a. Gracie has calculated £1 and 50p – £1 incorrectly. £1 and 50p – £1 = 50p, not 60p. £1 and 50p – £1 and 30p = 20p.

3a. £9 and 60p – £4 and 30p = £5 and 30p.

1b. Kim has £5 and 30p more than Dan because £8 and 70p – £3 and 40p = £5 and 30p.

2b. Harold has subtracted £2 and 20p instead of £2 and 30p. £3 and 70p – £2 and 30p = £1 and 40p.

3b. £7 and 90p – £4 and 50p = £3 and 40p.

Silver

4a. Matt has £4 and 85p more than Holly because £8 and 55p – £3 and 70p = £4 and 85p.

5a. Harry has subtracted 65p instead of 55p because 20p + 45p = 65p. £6 and 20p – 55p = £5 and 65p.

6a. Various answers, for example:
£8 and 75p – £5 and 30p = £3 and 45p or £7 and 95p – £4 and 50p = £3 and 45p

4b. Kate has £1 and 40p more than Sam because £6 and 95p – £5 and 55p = £1 and 40p.

5b. Pam has calculated £5 and 75p – £1 incorrectly. £5 and 75p – £1 = £4 and 75p, not £4. £5 and 75p – £1 and 80p = £3 and 95p.

6b. Various answers, for example:
£8 and 95p – £4 and 70p = £4 and 25p or £8 and 75p – £4 and 50p = £4 and 25p

Gold

7a. Jamie has £10 and 50p more than Sarah because £17 and 49p – £6 and 99p = £10 and 50p.

8a. Trixie has subtracted £15 and 64p – £3 and 63p incorrectly as it should equal £12 and 1p. The correct answer is: £15 and 64p – £7 and 93p = £7 and 71p.

9a. Various answers, for example:
£13 and 35p – £7 and 29p = £6 and 6p.

7b. Sue has £9 and 47p more than Josh because £18 and 95p – £9 and 48p = £9 and 47p.

8b. Dane has subtracted £7 and 13p instead of £7 and 31p. The correct answer is: £17 and 31p – £8 and 95p = £8 and 36p.

9b. Various answers, for example:
£13 and 48p – £6 and 52p = £6 and 96p.