

Miss Hughes' group – Reasoning and problem solving answers

Bronze

1a. Elsa has 125p = £1 and 25p. £1 and 25p is less than £1 and 45p so she doesn't have enough money.

2a. Helen is correct because she has recognised that 500p = £5 so 540p = £5 and 40p.

3a. Various answers, for example: £1 and 50p = 150p; £3 = 300p; £4 and 50p = 450p.

1b. Charlie has 213p = £2 and 13p. £2 and 13p is greater than £2 and 12p so he does enough money.

2b. Fred is correct because he has recognised that 500p = £5 so £6 = 600p.

3b. Various answers, for example: £2 = 200p; £2 and 50p = 250p; £3 = 300p.

Silver

4a. Sam has £10 and 165p = £11 and 65p. £11 and 65p is less than £11 and 75p so he doesn't have enough money.

5a. Vince is correct because he has recognised that 500p = £5 so 583p = £5 and 83p.

6a. Various answers, for example: £2 and 80p = 280p; £2 and 35p = 235p; £2 and 65p = 265p.

4b. Priya has £5 and 170p = £6 and 70p. £6 and 70p is greater than £6 and 59p so she does have enough money.

5b. Belle is correct because she has recognised that 500p = £5 so 506p = £5 and 6p.

6b. Various answers, for example £3 and 11p = 311p; £1 and 65p = 165p; £1 and 32p = 132p.

Gold

7a. Josh has £10 and 826p = £18 and 26p. £18 and 26p is greater than £17 and 86p so Josh does have enough money.

8a. Dina is correct because she has recognised that two lots of £5 = £10 so £10 and 810p = £18 and 10p.

9a. Various answers, for example: £8 and 52p = 852p; £6 and 71p = 671p; £5 and 82p = 582p; £7 and 16p = 716p.

7b. Lily has £10 and 909p = £19 and 9p. £19 and 9p is less than £19 and 49p so Lily doesn't have enough money.

8b. Archie is correct because he has recognised that ten £1 coins = £10 so £10 and 740p = £17 and 40p.

9b. Various answers, for example: £8 and 55p = 855p; £6 and 32p = 632p; £7 and 26p = 726p; £5 and 63p = 563p.