

Thursday (answers) – LO: to calculate percentage increases and decreases.

Varied fluency

Developing

- 1a. A) 132 B) 88 C) 165
2a. train: £11.25, horse: £9, blocks: £6.25
3a. 45
4a. True

Expected

- 5a. A) 575 B) 184 C) 253
6a. coat: £8.75, shirt: £10.50, trousers: £6.65
7a. 48
8a. True

Greater Depth

- 9a. A) 38.64 B) 57.96 C) 131.1
10b. xylophone: £8.36, robot: £10.12, car:
£17.16
11b. 61.36
12b. True

Reasoning and problem solving

Developing

- 1a. No. The car is worth £150 because 25% of £200 = £50; £200 – £50 = £150
2a. Both methods are acceptable. Jaiden's method has fewer steps so may be quicker. Children may have different answers depending on their preferred method, or may propose further methods.
3a. £55

Expected

- 4a. No. The car is worth £1,375 because 55% of £2,500 is £1,375. Explanations may vary depending on the method used.
5a. Both methods are acceptable. Toby's method has fewer steps so may be quicker. Children may have different answers depending on their preferred method, or may propose further methods.
6a. £45

Greater Depth

- 7a. No. The van is worth £4,185 because 93% of £4,500 = £4,185. Explanations may vary depending on the method used.
8a. Both methods are acceptable. Wei's method has fewer steps, but may be more difficult. Children may have different answers depending on their preferred method, or may propose further methods.
9a. £200