Y5 – Autumn – Block 4 – Step 15 – Subtract from a mixed number Answers

Question	Answer
1	a) $1\frac{3}{8}$ b) $1\frac{1}{8}$ c) $1\frac{1}{8}$
2	a) Both methods involve counting up from $\frac{1}{3}$ to $1\frac{5}{6}$ Dexter converts to a common denominator at the start. He adds 1 and then works out how much more to reach $1\frac{5}{6}$ Whitney works out how much to 1 and then adds another $\frac{5}{6}$. She converts to a common denominator when adding the jumps. b) $1\frac{7}{16}$
3	a) $3\frac{1}{24}$ b) $3\frac{1}{16}$ c) $2\frac{1}{6}$ d) $7\frac{7}{24}$ e) $4\frac{8}{27}$ f) $6\frac{1}{6}$
4	$1\frac{1}{3}$ litres
5	four possible answers: $3\frac{\mathbf{1}}{5} - \frac{\mathbf{3}}{20} = 3\frac{1}{20}$ $3\frac{\mathbf{2}}{5} - \frac{\mathbf{7}}{20} = 3\frac{1}{20}$ $3\frac{\mathbf{3}}{5} - \frac{\mathbf{11}}{20} = 3\frac{1}{20}$ $3\frac{\mathbf{4}}{5} - \frac{\mathbf{15}}{20} = 3\frac{1}{20}$ Children may find it helps to work systematically in order to be sure they have found all the possible ways.

Y5 – Autumn – Block 4 – Step 15 – Subtract from a mixed number Answers (continued)

Question	Answer
6	

	Javelin	Shot put	Discus
Tommy	$15\frac{3}{4}$ m	$7\frac{5}{12}$ m	**$12\frac{3}{8}$ m**
Amir	$13\frac{3}{8}$ m	**8 m**	$12\frac{7}{8}$ m
Annie	**$15\frac{1}{6}$ m**	$8\frac{3}{4}$ m	$11\frac{5}{12}$ m