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RATIO
SIMPLIFYING RATIOS

NO CALCULATOR

Ref: G311. **1S1**

A1 Simplify the ratio $3:9$	**A2** Simplify the ratio $14:4$	**A3** Simplify the ratio $15:9:6$	**A4** Simplify the ratio $16:20$
B1 Simplify the ratio $36:30$	**B2** Simplify the ratio $12:30:24$	**B3** Simplify the ratio $12:30$	**B4** Simplify the ratio $56:40$
C1 Simplify the ratio $12:4:8$	**C2** Simplify the ratio $7.0:4.2$	**C3** Simplify the ratio $3:4.5$	**C4** Simplify the ratio $1.2:3:2.4$
D1 Write £16:£40 as a ratio in its simplest form.	**D2** Write £42:£30:£48 as a ratio in its simplest form.	**D3** Write £15:£45:£15 as a ratio in its simplest form.	**D4** Write £12.50:£3.00 as a ratio in its simplest form.
E1 Write 80p:£5.00 as a ratio in its simplest form.	**E2** Write 80 cm:4.2 metres as a ratio in its simplest form.	**E3** Write 75 min:4 hours as a ratio in its simplest form.	**E4** Write 8 hours:3 days as a ratio in its simplest form.

Worksheets, Interactive Quizzes and Exam Solutions

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Ref: G311. **1S1**

A1 Simplify the ratio $3:9$ $1:3$	**A2** Simplify the ratio $14:4$ $7:2$	**A3** Simplify the ratio $15:9:6$ $5:3:2$	**A4** Simplify the ratio $16:20$ $4:5$
B1 Simplify the ratio $36:30$ $6:5$	**B2** Simplify the ratio $12:30:24$ $2:5:4$	**B3** Simplify the ratio $12:30$ $2:5$	**B4** Simplify the ratio $56:40$ $7:5$
C1 Simplify the ratio $12:4:8$ $3:1:2$	**C2** Simplify the ratio $7.0:4.2$ $70:42=10:6$ $=5:3$	**C3** Simplify the ratio $3:4.5$ $30:45=2:3$	**C4** Simplify the ratio $1.2:3:2.4$ $12:30:24=2:5:4$
D1 Write £16:£40 as a ratio in its simplest form. $16:40=2:5$	**D2** Write £42:£30:£48 as a ratio in its simplest form. $42:30:48=7:5:8$	**D3** Write £15:£45:£15 as a ratio in its simplest form. $1:3:1$	**D4** Write £12.50:£3.00 as a ratio in its simplest form. $1250:300=125:30$ $=25:6$
E1 Write 80p:£5.00 as a ratio in its simplest form. $80:500=8:50$ $=4:25$	**E2** Write 80 cm:4.2 metres as a ratio in its simplest form. $80:420=8:42$ $=4:21$	**E3** Write 75 min:4 hours as a ratio in its simplest form. $75:240=15:48$ $=5:16$	**E4** Write 8 hours:3 days as a ratio in its simplest form. $8:72=1:9$

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