

Simplifying ratios

- Write each of these ratios in its simplest form:
 - 3:6 **1:2**
 - 2:10 **1:5**
 - 8:2 **4:1**
 - 15:3 **5:1**
 - 24:18 **4:3**
 - 9:12 **3:4**
 - 28:14 **2:1**
 - 9:21 **3:7**
 - 35:49 **5:7**
 - 120:140 **6:7**
 - 16:24 **2:3**
 - 60:32 **15:8**
- Write each of these ratios in its simplest form:
 - 4:8:2 **2:4:1**
 - 25:15:10 **5:3:2**
 - 24:30:18 **4:5:3**
 - 8:12:20 **2:3:5**
 - 45:30:75 **3:2:5**
 - 120:80:72 **15:10:9**
- Write each of these ratios in its simplest form:
 - 2kg:500g **4:1**
 - 200cm:3m **2:3**
 - £3.50:50p **7:1**
 - 1 minute:20 seconds **3:1**
 - 1.6kg:600g **8:3**
 - 1m:25mm **40:1**
 - 2 minutes:1 hour **1:30**
 - £4.20:60p **7:1**
 - 4 weeks:6 days **14:3**
- Write each of these ratios in the form 1:n :
 - 2:100 **1:50**
 - 3:12 **1:4**
 - 2:9 **1:4.5**
 - 5:21 **1:4.2**
 - 12:8 **1:0.67**
 - 4:26 **1:6.5**
 - 50:60 **1:1.2**
 - 21:28 **1:1.3**
 - 500g:3kg **1:6**
 - 5 hours:1 day **1:4.8**
 - 64p:£1 **1:1.56**
 - 24km:480m **1:0.02**
- A cake recipe uses 200g butter and 4 eggs. How much butter is used per egg?
50g
- Midnight purple paint is a mixture of 3 tins of red paint to 2 tins of blue paint. Aubergine purple paint is a mixture of 8 tins of red paint to 5 tins of blue paint. Which paint is the reddest? (Hint: write each ratio in the form 1:n)
Red:blue Midnight purple 1:0.67 Aubergine purple 1:0.63
Aubergine purple is reddest