Simplifying Ratio

FUNCTIONAL MATHS

Write these ratios in their simplest form.

1. 6 : 9
2. 15 : 25
3. 21 : 14
4. 18 : 36
5. 24 : 80

6. 30 : 42
7. 49 : 63
8. 12 : 6 : 18
9. 27 : 9 : 15
10. 50 : 110 : 70

Write the ratios in their simplest form.

1. 2cm : 10mm
2. 500g : 2kg
3. 750ml : 1.5l
4. 300m : 1km
5. 70p : £1.50

6. 85cm : 2.25m
7. 62p : £1.86 : 31p
8. 568ml : 2.272l
9. 468mm : 14.04cm
10. 5.25kg : 2100g

Write these as ratios in the form of 1 : n

1. 3 : 4
2. 7 : 10
3. 5 : 17
4. 8 : 30
5. 5 : 22

6. 11 : 25
7. 12 : 42
8. 7 : 18
9. 9 : 14
10. 4 : 23

Apply

1. Jess is making a drink. The instructions say that the drink should be 1 part cordial to 5 parts water. She uses 40ml of cordial to 160ml of water. Has she followed the instructions correctly?

2. On a school trip there needs to be 1 teacher for every 15 pupils. There are 4 teachers and 56 pupils going on the trip. Are enough teachers going on the trip?