

Simplifying Ratios

Practice worksheet · KS3 · Years 7 to 9

Name: _____

Date: _____

Divide every part by the highest common factor. Make the units the same first, and keep going until no

1. Simplify 6 : 8

2. Simplify 10 : 25

3. Simplify 9 : 15

4. Simplify 12 : 20

5. Simplify 18 : 24

6. Simplify 21 : 28

7. Simplify 14 : 35

8. Simplify 24 : 32

9. Simplify 4 : 6 : 10

10. Simplify 10 : 15 : 20

stretch

11. Simplify 40 cm : 1 m

stretch

12. Simplify 500 g : 2 kg

stretch

13. Simplify 30 min : 2 hours

stretch

14. A class has 12 boys and 18 girls. Write boys : girls in its simplest form.

stretch

15. A recipe uses 200 g of flour to 50 g of sugar. Simplify flour : sugar.

stretch

16. A paint mix uses 60 ml of blue to 90 ml of yellow. Simplify blue : yellow.

stretch

Answers

Simplifying ratios · mark it together

1. $\div 2 = 3 : 4$

2. $\div 5 = 2 : 5$

3. $\div 3 = 3 : 5$

4. $\div 4 = 3 : 5$

5. $\div 6 = 3 : 4$

6. $\div 7 = 3 : 4$

7. $\div 7 = 2 : 5$

8. $\div 8 = 3 : 4$

9. $\div 2 = 2 : 3 : 5$

10. $\div 5 = 2 : 3 : 4$

11. $\div 20 = 2 : 5$

12. $\div 500 = 1 : 4$

13. $\div 30 = 1 : 4$

14. $\div 6 = 2 : 3$

15. $\div 50 = 4 : 1$

16. $\div 30 = 2 : 3$