Simplifying Ratios

Practice worksheet · KS3

Name: _____ Date: _____

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

1. ÷2 = 3 : 4

2. ÷5 = 2 : 5

3. ÷3 = 3 : 5

4. ÷4 = 3 : 5

5. ÷6 = 3 : 4

6. ÷7 = 3 : 4

7. ÷7 = 2 : 5

8. ÷8 = 3 : 4

9. ÷2 = 2 : 3 : 5

10. ÷5 = 2 : 3 : 4

11. ÷20 = 2 : 5

12. ÷500 = 1 : 4

13. ÷30 = 1 : 4

14. ÷6 = 2 : 3

15. ÷50 = 4 : 1

16. ÷30 = 2 : 3