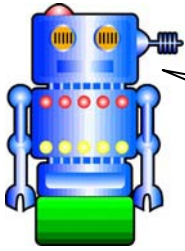


Year 6 Percentages and Fractions (1)

Maths worksheets from mathsblog.co.uk



When I see **23%**, I know that means:

$$\frac{23}{100} \text{ or } 0.23$$

1. Write these percentages as fractions and decimal fractions:

a. 43% and b. 29% and c. 7% and

d. 16% and e. 9% and f. 99% and

2. Circle the percentage which is equal to 0.58

3. Circle the percentage which is equal to 0.08

a. 0.58% b. 5.8% c. 58% d. 580%

a. 800% b. 80% c. 8% d. 0.8%

4. Write these fractions as decimal fractions and percentages:

a. $\frac{17}{100}$ and b. $\frac{59}{100}$ and c. $\frac{91}{100}$ and

5. Write these fractions as decimal fractions and percentages:

a. $\frac{7}{100}$ and b. $\frac{33}{100}$ and c. $\frac{89}{100}$ and

6. Circle the decimal fraction which is equal to 37%

a. 0.37 b. 3.70 c. 0.037 d. 3.07

7. Circle the decimal fraction which is equal to 69%

a. 69.0 b. 6.9 c. 0.069 d. 0.69

8. Put these fractions in order, starting with the smallest:

$\frac{43}{100}$ $\frac{50}{100}$ $\frac{9}{100}$ 0.6 0.07 0.19

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Answers

1. a. $\frac{43}{100}$ and 0.43 b. $\frac{29}{100}$ and 0.29 c. $\frac{7}{100}$ and 0.07

d. $\frac{16}{100}$ and 0.16 e. $\frac{9}{100}$ and 0.09 f. $\frac{99}{100}$ and 0.99

2. c. 58% 3. c. 8%

4. a. 0.17 and 17% b. 0.59 and 59% c. 0.91 and 91%

5. a. 0.07 and 7% b. 0.33 and 33% c. 0.89 and 89%

6. a. 0.37 7. d. 0.69

8. 0.07 $\frac{9}{100}$ 0.19 $\frac{43}{100}$ $\frac{50}{100}$ 0.6