



Printable assessments CAMI Mathematics: Grade 7

Percentage

1. Convert the following fractions to percentage.

(a) $\frac{94}{100}$

(b) $\frac{62}{100}$

(c) $\frac{4}{10}$

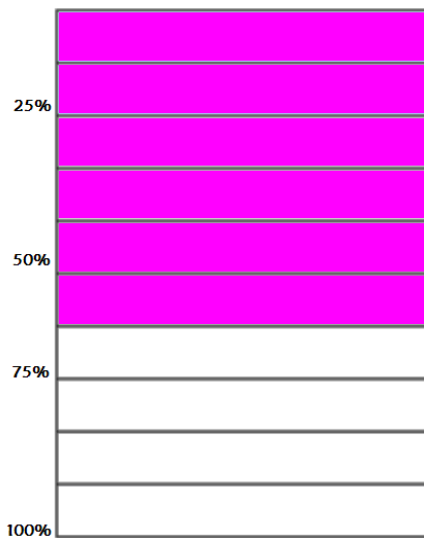
(d) $\frac{5}{100}$

(e) $\frac{10}{10}$

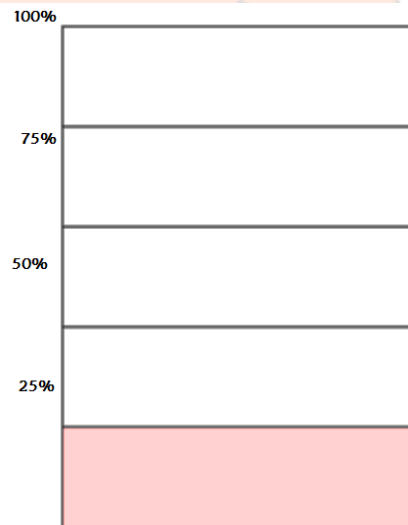
(f) $\frac{0}{100}$

2. What fraction of the figure is shaded?

(a)



(B)



3. Write the following as a percentage rounded off to 2 decimal places.

(a) $\frac{3}{9}$

(b) $\frac{5}{6}$

(c) $\frac{9}{12}$

(d) $\frac{6}{30}$

(e) $\frac{3}{25}$

(f) 0.91666...



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(g) 0,291666...

(h) 0,3750000...

4. Convert the percentage to decimal fractions.

(a) 239%

(b) 19,2%

(c) 84,2%

(d) 74,4%

5. Convert the percentage to normal fractions in simplified form.

(a) 7%

(b) 165%

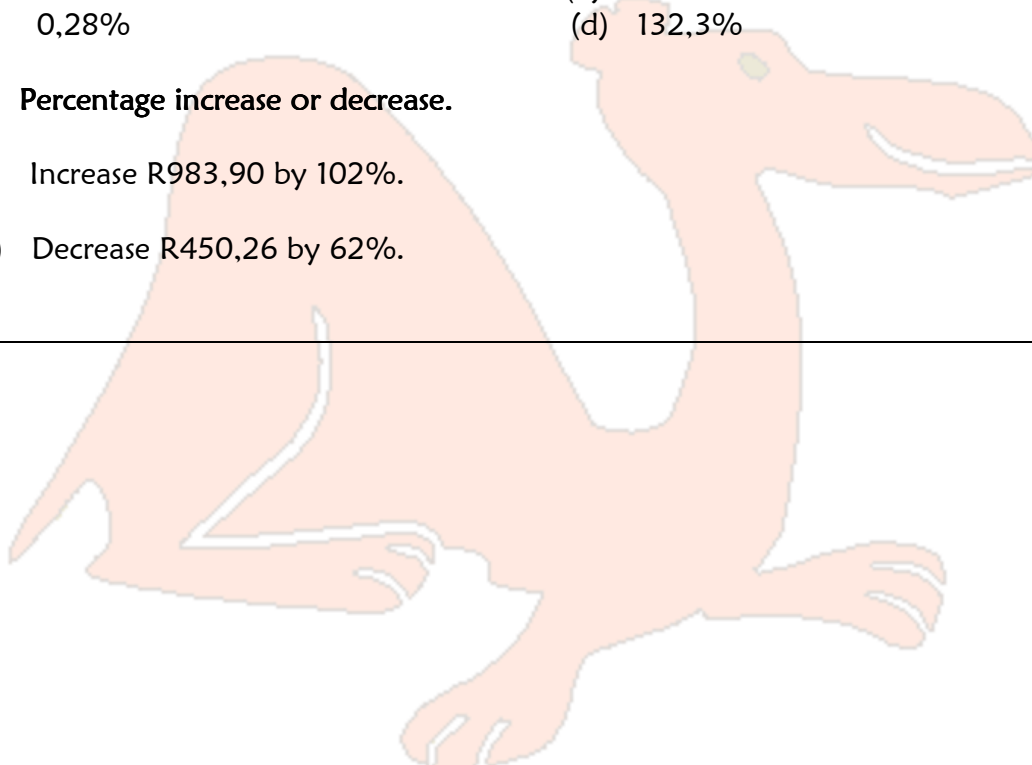
(c) 0,28%

(d) 132,3%

6. Percentage increase or decrease.

(a) Increase R983,90 by 102%.

(b) Decrease R450,26 by 62%.





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MEMO

1. Fractions to percentage. [2.4.1.1; 2.4.1.2]

(a) $\frac{94}{100} = 94\%$

(b) $\frac{62}{100} = 62\%$

(c) $\frac{4}{10} = 40\%$

(d) $\frac{5}{100} = 5\%$

(e) $\frac{10}{10} = 100\%$

(f) $\frac{0}{100} = 0\%$

2. Percentage shaded. [2.4.2.1; 2.4.2.2; 2.4.2.3]

(a) $\frac{6}{10} = 60\%$

(b) $\frac{1}{5} \times 100 = 20\%$

3. Percentage correct to 2 decimal places. [2.4.3.1; 2.4.3.2; 2.4.3.3; 2.4.3.4]

(a) $\frac{3}{9} = 33,33\%$

(b) $\frac{5}{6} = 83,33\%$

(c) $\frac{9}{12} = 75,00\%$

(d) $\frac{6}{30} = 20,00\%$

(e) $\frac{3}{25} = 12,00\%$

(f) $0,91666... = 91,67\%$

(g) $0,291666... = 29,17\%$

(h) $0,3750000... = 37,50\%$

4. Percentage to decimal fractions. [2.4.4.1]

(a) $239\% = 2,39$

(b) $19,2\% = 0,192$

(c) $84,2\% = 0,842$

(d) $74,4\% = 0,744$

5. Percentage to normal fractions. [2.4.4.2]

(a) $7\% = \frac{7}{100}$

(b) $165\% = \frac{165}{100} = \frac{33}{20}$



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(c) $0,28\% = \frac{28}{10000} = \frac{7}{2500}$

(d) $132,3\% = \frac{1323}{1000}$

6. Percentage increase or decrease. [2.4.6.1]

(a) $\frac{102}{100} \times R983,90 = R1003,58$
 $R983,90 + R1003,58 = R1987,48$

(b) $\frac{62}{100} \times R450,26 = R279,16$
 $R450,26 - R279,16 = R171,10$

