

FRACTIONS AND DECIMAL NUMBERS TEST - 1st COURSE ESO - B

Exercise 1: (0.75 points) Aproxima:

- a) 4'798745 a las diezmilésimas
- b) 3'57999 a las centésimas
- c) 32'148932 a las milésimas

Exercise 2: (1 point) Turn the following fractions into decimal numbers and then classify them:

- a) $\frac{11}{5} =$
- b) $\frac{7}{6} =$
- c) $\frac{2}{3} =$
- d) π

Ejercicio 3: (0.5 puntos) Escribe con cifras:

- a) Nueve unidades y trece diezmilésimas
- b) Dos unidades y mil quinientas diecisiete milésimas

Ejercicio 4: (0.5 puntos) Convierte:

- a) Trescientas veintinueve milésimas en décimas
- b) Ochenta y siete centésimas en millonésimas

Exercise 5: (1.25 point) Yesterday I went to the supermarket and I bought 5 bricks of milk, 0.65€ each, 1 bag of rice, 1.25€, 3/4 kg of meat, 7€/kg, 1/2 kg of bananas, 1.70€/kg. I paid with a ten euros bill. How much money did I get in return?

Exercise 6: (1 point) Order the following decimal numbers from least to greatest:

$4.\overline{3517}$; $4.\overline{517}$; $4.\overline{517}$; $4.\overline{517}$; $4.\overline{3751}$; 4.517

Exercise 7: (1 point) Work out the value of the following operations:

- a) $7.3 + 0.5 \cdot (5.2 - 1.92) =$
- b) $15.34 : 2.5 - 4.5 \cdot 9.3 =$

Exercise 8: (1.25 points) Una familia tiene un sueldo de 1400€/mes. Se gastan 3/5 en la casa, y 2/7 de lo que les queda en comida.

- a) ¿Qué fracción del sueldo se han gastado?
- b) ¿Qué fracción del sueldo les queda?
- c) ¿Cuánto dinero dedican a cada cosa?

Exercise 9: (0.75 points) Order the following fractions from least to greatest:

$\frac{7}{3}$; $\frac{5}{4}$; 1 ; $\frac{4}{5}$; $\frac{3}{2}$

Exercise 10: (1 point) Work out the value of the following operations:

- a) $\frac{4}{3} + \frac{2}{5} \cdot \frac{7}{2} - \frac{3}{6} : \frac{5}{3} =$
- b) $\frac{4}{5} \cdot \left(\frac{7}{4} - 1 - \frac{9}{8} \right) + \frac{2}{3} \cdot \frac{3}{5} =$

Exercise 11: (1 point) Last weekend I spent two sixths of my money on a DVD, one fifth on a pizza and one third at the cinema.

- a) What fraction of the money did I spend?
- b) If I still have €8, how much money did I have?