Codingal

Choose correct answer(s) from the given choices

(1) The fraction equivalent to $\dfrac{4}{12}$ having the denominator 60 is:

    a. $\dfrac{20}{60}$ **b.** $\dfrac{4}{3}$

    c. $\dfrac{1}{5}$ **d.** $\dfrac{8}{60}$

(2) If fractions $\dfrac{7}{13}, \dfrac{7}{2}, \dfrac{7}{11},$ and $\dfrac{7}{17}$ are arranged in descending order, which fraction is in the third place counting from the right?

    a. $\dfrac{7}{13}$ **b.** $\dfrac{7}{2}$

    c. $\dfrac{7}{17}$ **d.** $\dfrac{7}{11}$

(3) Simplify:

$\dfrac{1}{3} \div 9 = ?$

    a. $\dfrac{4}{27}$ **b.** $\dfrac{1}{30}$

    c. 3   **d.** $\dfrac{1}{27}$

(4)

Pradip doesn't like milk so, he drank only $\dfrac{4}{8}$ of the milk in his glass whereas his friend Sulekha finished $\dfrac{6}{8}$ of it. How much more milk did Sulekha drink in comparison to Pradip?
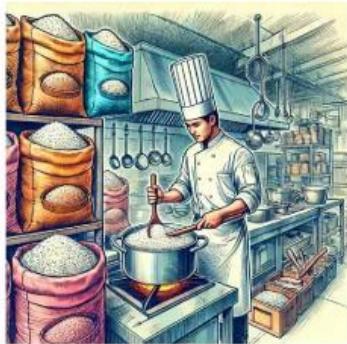
    a. $\dfrac{9}{8}$ **b.** $\dfrac{2}{8}$

    c. $\dfrac{7}{8}$ **d.** $\dfrac{1}{8}$

(5) In a restaurant $8\frac{3}{8}$ bags of rice are cooked every hour.

At this rate, the number of bags of rice that would be cooked in the restaurant in 2 hours is:

a. $16\frac{3}{5}$ bags

b. $18\frac{3}{4}$ bags

c. $16\frac{3}{4}$ bags

d. $14\frac{3}{4}$ bags

Fill in the blanks

(6) There are 25 houses in a street and two-fifth of them have satellite TV. Thus, _____ of these houses have satellite TV.

(7) Write the appropriate sign to compare the like fractions.

$$\frac{10}{14} \boxed{} \frac{8}{14}$$

(8) Convert the following to mixed fractions:

A) $\frac{103}{10} = \boxed{}\frac{\boxed{}}{\boxed{}}$

B) $\frac{19}{8} = \boxed{}\frac{\boxed{}}{\boxed{}}$

Answer the questions

(9) There was $\frac{4}{7}$ of a pizza left. Sanjana ate $\frac{2}{5}$ of the leftover pizza. How much of the pizza did she eat? (Simplify the answer and write it as a proper fraction or as a whole number.)