Answer the questions

(1) Artur is constructing a building. He finishes $\frac{3}{40}$ of the construction in $6\frac{3}{4}$ weeks. In how many days will he finish constructing the building?

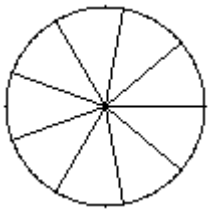
(2) What will be the result if we divide the sum of $5\frac{1}{3}$ and $3\frac{1}{4}$ by their difference?

(3) Find the value of the following :

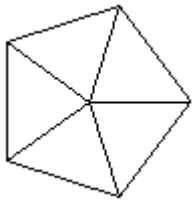
$$\frac{4}{7} + \frac{1}{4 - \frac{6}{15}}$$

(4) Shade the picture to show following fractions:

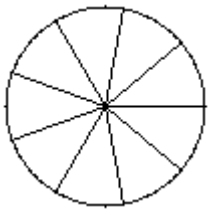
A) $\frac{8}{9}$



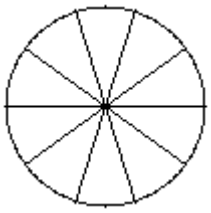
B) $\frac{2}{5}$



C) $\frac{8}{9}$



D) $\frac{6}{10}$



(5) Add the following fractions and reduce the sum to the simplest form:

A) $\frac{7}{10} + \frac{17}{29}$

B) $\frac{22}{23} + \frac{7}{15}$

C) $\frac{12}{17} + \frac{20}{43}$

D) $\frac{17}{18} + \frac{28}{33}$

E) $\frac{23}{27} + \frac{26}{51}$

F) $\frac{29}{30} + \frac{5}{27}$

(6) Find the value of the following:

$$1 + \cfrac{1}{1 + \cfrac{1}{7}}$$

(7) There are two containers out of which one can hold $3\frac{1}{4}$ liters of petrol while the other can hold $2\frac{1}{3}$ liters of petrol. Suppose there are 4 containers of the first type and 6 containers of the second type. How many liters of petrol is required to fill them both?

(8) Dasha has €675 with her. She gives $\frac{2}{5}$ of this to her sister. Out of the remaining money, she gives €315 to her brother. What fraction of the original amount is left with her?

(9) Solve $\frac{1}{4} \times \cfrac{2}{3 - \frac{2}{4}} - \frac{1}{3}$.

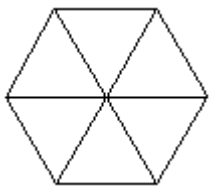
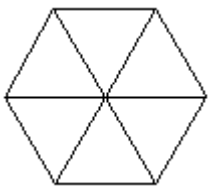
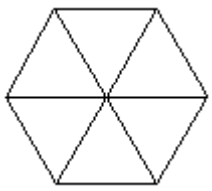
(10) Find the value of $\frac{7}{8} + \cfrac{(\frac{4}{5} - \frac{1}{4}) \times 20}{4 - \frac{2}{3}}$.

(11) Solve the following: $\frac{1}{2} \times \cfrac{3}{4 - \frac{5}{6}}$.

(12) Helena covered $2\frac{3}{5}$ km in the first hour, $4\frac{1}{6}$ km in the second hour, and $4\frac{2}{6}$ km in the third hour. Find the total distance covered by Helena in three hours.

(13) Shade the images to show the following fraction addition.

$\frac{1}{6}$ + $\frac{4}{6}$ =

 and  makes 

Choose correct answer(s) from the given choices

(14) The fractions $\frac{26}{75}$ and $\frac{29}{75}$ are :

a. Unlike Fractions

b. Improper Fractions

c. Like Fractions

d. Mixed Fractions

(15) The fractions $\frac{29}{14}$ and $\frac{42}{41}$ are examples of:

a. Like Fractions

b. Mixed Fractions

c. Unlike Fractions

d. Improper Fractions