Class:6

Subject: Mathematics

Chapter: Fractions

Watch the following videos attentively before proceeding with the lesson.

Q1.

Find the value of the missing numbers.

1. $\dfrac{4}{} = \dfrac{28}{70}$

2. $\dfrac{}{2} = \dfrac{4}{8}$

3. $\dfrac{2}{3} = \dfrac{}{27}$

4. $\dfrac{4}{6} = \dfrac{16}{}$

5. $\dfrac{1}{8} = \dfrac{}{64}$

6. $\dfrac{2}{4} = \dfrac{}{16}$

7. $\dfrac{1}{} = \dfrac{10}{50}$

8. $\dfrac{2}{} = \dfrac{4}{12}$

9. $\dfrac{7}{12} = \dfrac{}{24}$

10. $\dfrac{3}{} = \dfrac{6}{10}$

11. $\dfrac{2}{10} = \dfrac{}{40}$

12. $\dfrac{}{4} = \dfrac{18}{24}$

13. $\dfrac{7}{8} = \dfrac{}{72}$

14. $\dfrac{1}{} = \dfrac{9}{18}$

Q2.

Simplify the fractions.

1. $\frac{4}{8} =$ _____

2. $\frac{14}{50} =$ _____

3. $\frac{46}{60} =$ _____

4. $\frac{81}{126} =$ _____

5. $\frac{54}{72} =$ _____

6. $\frac{8}{128} =$ _____

7. $\frac{35}{60} =$ _____

8. $\frac{72}{108} =$ _____

9. $\frac{21}{63} =$ _____

10. $\frac{10}{30} =$ _____

11. $\frac{6}{45} =$ _____

12. $\frac{5}{10} =$ _____

13. $\frac{9}{24} =$ _____

14. $\frac{50}{125} =$ _____

Q3. Comparing the fractions and put the correct sign <,=,>

$\frac{1}{4}$ $<$ $\frac{3}{8}$ $\frac{4}{6}$ $\bigcirc$ $\frac{2}{3}$

$\frac{2}{3}$ $\bigcirc$ $\frac{1}{5}$ $\frac{3}{4}$ $\bigcirc$ $\frac{7}{8}$

Q4.

A) Choose the correct equivalent fraction in each problem.

1. $\frac{2}{16} = ?$ a) $\frac{1}{4}$ b) $\frac{1}{8}$ c) $\frac{4}{20}$ d) $\frac{3}{18}$

2. $\frac{1}{3} = ?$ a) $\frac{3}{15}$ b) $\frac{2}{14}$ c) $\frac{8}{24}$ d) $\frac{5}{10}$

3. $\frac{25}{10} = ?$ a) $\frac{5}{2}$ b) $\frac{10}{16}$ c) $\frac{1}{5}$ d) $\frac{30}{20}$

4. $\frac{4}{12} = ?$ a) $\frac{14}{6}$ b) $\frac{3}{18}$ c) $\frac{1}{2}$ d) $\frac{6}{18}$

5. $\frac{36}{45} = ?$ a) $\frac{9}{5}$ b) $\frac{4}{5}$ c) $\frac{15}{25}$ d) $\frac{2}{18}$

6. $\frac{3}{18} = ?$ a) $\frac{5}{30}$ b) $\frac{1}{9}$ c) $\frac{4}{16}$ d) $\frac{1}{2}$

Q5. Arrange in ascending and descending order.

1 a. $\frac{3}{2}$, $\frac{7}{11}$, $\frac{3}{5}$

1 b. $\frac{5}{8}$, $\frac{3}{8}$, $\frac{7}{8}$

HOMEWORK

Q1. Find the equivalent fraction of 1/3. Refer Page 94 from Text Book

Q2. Aarti scored 25 marks out of 30 in Maths test and 35 out of 42 in Science test. In which test she scored better?   **Refer Page 100 Q10 from Text Book**