

Class:6

Subject: Mathematics

Chapter: Fractions

Watch the following videos attentively before proceeding with the lesson.

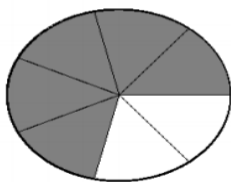
<https://www.youtube.com/watch?v=iuCzC1uFtNc>

<https://www.youtube.com/watch?v=1hmKgg7-VII>

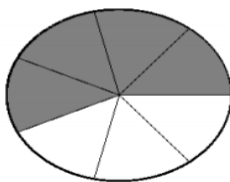
Q1.

Write the fraction of the shape that is shaded:

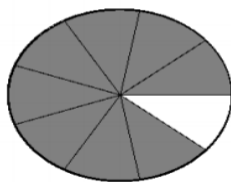
1)



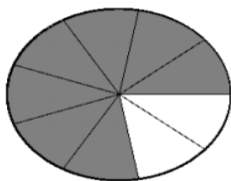
2)



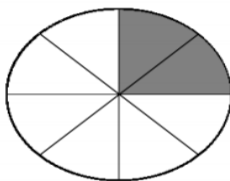
3)



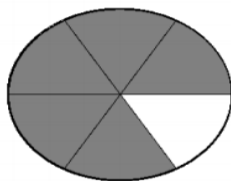
4)



5)



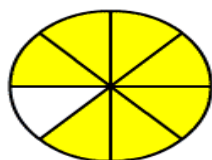
6)



Q2.

Circle the correct fraction from the given choices.

1.

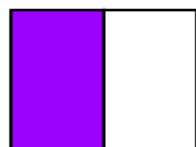


$\frac{7}{8}$

$\frac{5}{7}$

$\frac{6}{8}$

2.



$\frac{1}{2}$

$\frac{4}{6}$

$\frac{2}{3}$

3.

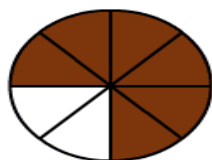


$\frac{3}{4}$

$\frac{2}{3}$

$\frac{3}{6}$

4.



$\frac{2}{3}$

$\frac{6}{8}$

$\frac{1}{2}$

Q3. What fraction of a year is 4 months?

Q4. What fraction of a day is 8 hours?

Q5. In a box of 84 mangoes 12 mangoes are rotten. What fraction of mangoes are

- i. Fresh ii. Rotten
-

Proper fraction

A fraction where the numerator (the top number) is less than the denominator (the bottom number).

Example: $1/4$ (one quarter) and $5/6$ (five sixths) are proper fractions.

Q6. Which of the following is proper fraction?

- a. $14/15$
b. $7/9$
c. $25/3$
d. $5/18$
-

Improper Fraction

An Improper Fraction has a top number larger than (or equal to) the bottom number.

Example: $7/4$

Q7. Which of the following is improper fraction?

- a. $5/2$
b. $7/9$
c. $30/21$
d. $4/9$
-

Mixed Fraction

A Mixed Fraction is a whole number and a proper fraction combined. Such as



Q8. Express the following as mixed fraction.

Convert.

1. $\frac{113}{12} =$ _____ 2. $\frac{19}{2} =$ _____ 3. $\frac{36}{10} =$ _____

4. $\frac{75}{12} =$ _____ 5. $\frac{50}{8} =$ _____ 6. $\frac{52}{10} =$ _____

7. $\frac{13}{3} =$ _____ 8. $\frac{39}{4} =$ _____ 9. $\frac{68}{10} =$ _____

10. $\frac{27}{5} =$ _____ 11. $\frac{53}{8} =$ _____ 12. $\frac{72}{10} =$ _____

Q9. Express the following as improper fraction.

Convert.

1. $7\frac{3}{5} =$ _____ 2. $6\frac{5}{8} =$ _____ 3. $9\frac{2}{10} =$ _____

4. $2\frac{2}{4} =$ _____ 5. $6\frac{1}{9} =$ _____ 6. $5\frac{5}{7} =$ _____

7. $3\frac{1}{8} =$ _____ 8. $3\frac{3}{12} =$ _____ 9. $6\frac{1}{11} =$ _____

10. $4\frac{3}{4} =$ _____ 11. $8\frac{9}{12} =$ _____ 12. $9\frac{2}{8} =$ _____

Q10. Homework.

Exercise 5.1 from Textbook Page 78. Q7.

Exercise 5.3 from Textbook Page 83. Q3.