



# MATHS

## BOOKS - BETOPPERS

### NUMBER SYSTEM-II

#### Formative Worksheet

1. Find a perfect number between 25 and 30.



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2. Which of the numbers are divisible by 3?

(A) 932105 (B) 4980204 (C) 262242



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3. Which of the following are divisible by 4?

(A) 75020 (B) 987542



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4. Which of the numbers are divisible by 5?

(A) 460765 (B) 50502 (C) 13790



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5. Which of the following numbers are divisible by 6?

(A) 24056 (B) 98274



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6. Which of the following numbers are divisible by 8?

(A) 987048 (B) 5719842



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7. Which of the following numbers are divisible by 9?

(A) 634680 (B) 4204561



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**8.** Which of the following numbers are divisible by 10?

(A) 500505 (B) 8179320



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**9.** Which of the following numbers are divisible by 11?

(A) 2221582 (B) 2455439



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**10.** Is 180 a common multiple of 3, 4 and 5?



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**11.** Identify the common factors of 6, 8 and 12.



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**12.** Find the common factors of 10 and 15.



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**13.** Express the following numbers as the product of primes.

90



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**14.** Express the following numbers as the product of primes.

675



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**15.** Express the following numbers as the product of primes.

1089



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**16.** Find the H.C.F. of 72, 192 and 324.



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**17.** What is the HCF of 6 and 12?





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**18.** Find the GCD of 36 and 48.



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**19.** Find the L.C.M. of 6 and 9 by division method.



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**20.** Find the L.C.M. of 6 and 9 by prime factorisation method.



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**21.** If the product of two numbers is 336 and their H.C.F. is 4, find their L.C.M.



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**22.** Find the LCM of 18, 24, 60 and 120 by division method.



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**23.** Find the GCD of 136 and 120.



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**24.** Find the GCD of the 459, 357, 306.



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25.  $\frac{6}{11} = \frac{a}{33} = \frac{36}{b}$

Determine the values of a and b.



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26. Are the following fractions equivalent?

$$\frac{1}{5}, \frac{5}{25}$$



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27. Are the following fractions equivalent?

$$\frac{3}{8}, \frac{10}{16}$$



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28. Which fraction is smaller?  $\frac{3}{5}$  or  $\frac{4}{7}$



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29. Arrange  $\frac{1}{2}, \frac{8}{9}, \frac{5}{6}$  in ascending order.



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**30.** From these fractions:

$$\frac{3}{7}, \frac{5}{9}, \frac{11}{2}, \frac{9}{16}, \frac{7}{3}, \frac{5}{5}, \frac{101}{10}, \frac{22}{23}, \frac{4}{3}, \frac{9}{4}$$

Select the

proper fractions



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**31.** From these fractions:

$$\frac{3}{7}, \frac{5}{9}, \frac{11}{2}, \frac{9}{16}, \frac{7}{3}, \frac{5}{5}, \frac{101}{10}, \frac{22}{23}, \frac{4}{3}, \frac{9}{4}$$

Select the

improper fractions



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**32.** Convert the following improper fractions into mixed fractions.

$$\frac{19}{5}$$



**Watch Video Solution**

**33.** Convert the following improper fractions into mixed fractions.

$$\frac{30}{6}$$



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**34.** Calculate  $\frac{15}{25} + \frac{5}{25}$



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**35.** Calculate the following.

$$48.38 \times 1,000$$



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**36.** Find the product of the following.

$$9 \times 0.1$$



**Watch Video Solution**

**37.** Find the product of the following.

$$7.5 \times 0.01$$



**Watch Video Solution**

**38.** Find the product of the following.

$$89.4 \times 0.001$$



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**39.** A table weighs 5.67 kg. What is the total mass of 6 identical tables?



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**40.** Evaluate  $75.38 \div 5$ .



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**41.** Divide the following.

$$79.88 \div 100$$



**Watch Video Solution**

**42.** Divide the following.

$$22.128 \div 0.001$$



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**43.** Divide the following.

$$\begin{array}{r} 5.6 \\ \hline 0.008 \end{array}$$



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**44.** Divide the following.

$$0.18 \div \frac{6}{7}$$



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**45.** Write down the square of each of the following numbers in the form of the number multiplied by itself.

9



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**46.** Write down the square of each of the following numbers in the form of the number multiplied by itself.

-14



**Watch Video Solution**

**47.** Write down the square of each of the following numbers in the form of the number multiplied by itself.

$\frac{3}{7}$



**Watch Video Solution**

**48.** Write down the square of each of the following numbers in the form of the number multiplied by itself.

$$-\frac{5}{8}$$



**Watch Video Solution**

**49.** Write down the square of each of the following numbers in the form of the number multiplied by itself.

$$0.5$$



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**50.** Write down the square of each of the following numbers in the form of the number multiplied by itself.

-2.7



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**51.** Write following numbers using the square notation.



$$(-13) \times (-13)$$



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**52.** Write following numbers using the square notation.

$$\left(-\frac{2}{5}\right) \times \left(-\frac{2}{5}\right)$$



**Watch Video Solution**

**53.** Write following numbers using the square notation.

$$3.8 \times 3.8$$



**Watch Video Solution**

**54.** Write each of the following numbers in its expanded form.

$$(15)^2$$



**Watch Video Solution**

**55.** Write each of the following numbers in its expanded form.

$$\left(-\frac{2}{3}\right)^2$$



**Watch Video Solution**

**56.** Write each of the following numbers in its expanded form.

$$(-7.4)^2$$



**Watch Video Solution**

**57.** Calculate the value of the following without using a calculator.

$$(15)^2$$



**Watch Video Solution**

**58.** Calculate the value of the following without using a calculator.

$$(-60)^2$$



**Watch Video Solution**

**59.** Calculate the value of the following without using a calculator.

$$\left(1\frac{3}{8}\right)^2$$



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**60.** Determine whether the following are perfect squares.

484



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**61.** Using the square root  $\left(\sqrt{\quad}\right)$ , write the square root of the following squares.

$$3 \times 3 = 9$$



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**62.** Using the square root ( $\sqrt{\quad}$ ), write the square root of the following squares.

$$\left(\frac{11}{12}\right)^2 = \frac{121}{144}$$



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**63.** Calculate the value of

$$\sqrt{49}$$



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**64.** Calculate the value of

$$\sqrt{4}$$



[Watch Video Solution](#)

**65.** Calculate the value of

$$\sqrt{8^2}$$



[Watch Video Solution](#)

**66.** Calculate the values of the following.

$$\sqrt{\frac{144}{196}}$$



**Watch Video Solution**

**67.** Calculate the values of the following.

$$\sqrt{3\frac{1}{16}}$$



**Watch Video Solution**



**68.** Calculate the values of the following.

$$\sqrt{\frac{20}{125}}$$



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## Conceptive Worksheet

**1.** Work out the following sums and write your conclusions below:

$$37 - 13$$

Odd number - Odd number = \_\_\_\_\_



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**2.** Work out the following sums and write your conclusions below

$$28 - 17$$

Even number - Odd number = \_\_\_\_\_



**Watch Video Solution**

**3.** Work out the following sums and write your conclusions below:

$$43 - 14$$

Odd number - Even number = \_\_\_\_\_



**Watch Video Solution**

**4.** Work out the following sums and write your conclusions below

$$56 - 38$$

Even number - Even number = \_\_\_\_\_



**Watch Video Solution**

5. Find the following products and write your conclusions below:

$$37 \times 7$$

Product of two odd numbers = \_\_\_\_\_



**Watch Video Solution**

6. Find the following products and write your conclusions below:

$$28 \times 9$$

Product of an odd number and an even number = \_\_\_\_\_



**Watch Video Solution**

7. Find the following products and write your conclusions below:

$$68 \times 6$$

Product of two even number = \_\_\_\_\_



**Watch Video Solution**

**8.** Find the difference between the smallest and largest prime numbers between 6 and 18.

A. 4

B. 6

C. 8

D. 10

**Answer:**



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9. The sum of all the prime factors of  $m$  is 9.

Find the number  $m$ .

A. 15

B. 20

C. 28

D. 63

**Answer:**



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**10.** Which of the following is even -2, 2, 3 ?



**Watch Video Solution**

**11.** the prime factors of 96 are ?



**Watch Video Solution**

**12.** Is 156 is a common multiple of 3, 13 ?



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**13.** The sum of all the prime factors of a number is 15, then the number is ?



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**14.** Give an example of twin primes ?



**Watch Video Solution**

**15.** Is 4 a common factor of 36, 44 and 100?



**Watch Video Solution**

**16.** Find the factor of 20



**Watch Video Solution**

**17.** Determine the HCF of 14 and 20.



**Watch Video Solution**

**18.** Find the H.C.F. of 16 and 24.



**Watch Video Solution**

**19.** Find the L.C.M. of 6 and 9.



**Watch Video Solution**

**20.** Find the GCD of 30, 75 and 135.



**Watch Video Solution**

**21.** Graph the fraction on a number line.

$$\frac{1}{4}$$



**Watch Video Solution**

**22.** Graph the fraction on a number line.

$$\frac{5}{6}$$



**Watch Video Solution**

**23.** Graph the fraction on a number line.

$$\frac{9}{8}$$



**Watch Video Solution**

**24.** Graph the fraction on a number line.

$$\frac{7}{3}$$



**Watch Video Solution**

**25.** Write the prime factorization of each number.

12



**Watch Video Solution**

**26.** Write the prime factorization of the following number and hence find their square roots. 7744 (ii) 9604 (iii) 5929 (iv) 7056



**Watch Video Solution**

**27.** Write the prime factorization of each number.

80



**Watch Video Solution**

**28.** Write each fraction in lowest terms.

$$\frac{3}{12}$$



**Watch Video Solution**

**29.** Write each fraction in lowest terms.

$$\frac{5}{20}$$



**Watch Video Solution**

**30.** Write each fraction in lowest terms.

$$\frac{18}{4}$$



**Watch Video Solution**

**31.** Write each fraction in lowest terms.

$$\frac{25}{55}$$



**Watch Video Solution**



**32.** Write each fraction in lowest terms.

$$\frac{64}{80}$$



**Watch Video Solution**

**33.** Write each fraction in lowest terms.

$$\frac{88}{132}$$



**Watch Video Solution**

**34.** Write each fraction in lowest terms.

$$\frac{51}{170}$$



**Watch Video Solution**

**35.** Write each fraction in lowest terms.

$$\frac{225}{375}$$



**Watch Video Solution**

**36.** Write each fraction in lowest terms.

$$\frac{108}{120}$$



**Watch Video Solution**

**37.** Divide and write the product in lowest terms.

$$\frac{7}{8} \cdot \frac{2}{3}$$



**Watch Video Solution**

**38.** write the product in lowest terms.

$$\frac{2}{3} \div \frac{5}{6}$$



**Watch Video Solution**

**39.** write the product in lowest terms.

$$\frac{6}{15} \div \frac{12}{5}$$



**Watch Video Solution**

**40.** write the product in lowest terms.

$$\frac{10}{11} \div \frac{4}{5}$$



**Watch Video Solution**

**41.** write the product in lowest terms.

$$\frac{3}{8} \times \frac{5}{12}$$



**Watch Video Solution**

**42.** write the product in lowest terms.

$$\frac{25}{36} \times \frac{18}{10} \times \frac{30}{50}$$



**Watch Video Solution**

**43.** write the product in lowest terms.

$$\frac{2}{3} \times \frac{6}{4} \times \frac{16}{15}$$



**Watch Video Solution**

**44.** write the product in lowest terms.

$$\frac{64}{25} \times \frac{50}{8}$$



**Watch Video Solution**

**45.** write the product in lowest terms.

$$2\frac{4}{5} \times 2\frac{1}{7}$$



**Watch Video Solution**

**46.** write the product in lowest terms.

$$3\frac{13}{20} \times 6\frac{5}{10} \times 5$$



**Watch Video Solution**

**47.** Simplify:

$$\frac{3}{7} + \frac{2}{7}$$



**Watch Video Solution**



**48.** Simplify:

$$-\frac{1}{2} + \frac{1}{2}$$



**Watch Video Solution**

**49.** Simplify:

$$\frac{10}{11} - \frac{4}{11}$$



**Watch Video Solution**

50. Simplify:

$$\frac{1}{8} - \frac{7}{8}$$



Watch Video Solution

51. Simplify:

$$\frac{3}{7} + \frac{4}{6}$$



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**52. Simplify:**

$$\frac{1}{5} + \frac{7}{10}$$



**Watch Video Solution**

**53. Simplify:**

$$\frac{4}{5} + \frac{3}{10} + \frac{2}{7}$$



**Watch Video Solution**

**54. Simplify:**

$$4\frac{1}{6} + 3\frac{5}{12}$$



**Watch Video Solution**

**55. Simplify:**

$$18\frac{1}{2} + 8\frac{1}{3} + 7\frac{1}{7}$$



**Watch Video Solution**

**56.** Simplify:

$$\frac{5}{8} - \frac{2}{9}$$



**Watch Video Solution**

**57.** Simplify:

$$\frac{5}{8} - \frac{4}{7}$$



**Watch Video Solution**

**58.** Simplify:

$$\frac{7}{10} - \frac{1}{5}$$



**Watch Video Solution**

**59.** Simplify:

$$13\frac{4}{5} - 2\frac{1}{3}$$



**Watch Video Solution**

**60.** Simplify:

$$4\frac{5}{6} - 2\frac{2}{3}$$



**Watch Video Solution**

**61.** Simplify:

$$\frac{11}{10} + \frac{5}{7} - \frac{2}{5}$$



**Watch Video Solution**

**62.** Simplify:

$$\frac{7}{8} - \frac{1}{3} - \frac{1}{4}$$



**Watch Video Solution**

**63.** Simplify:

$$8\frac{1}{9} + 9\frac{1}{8} - 7\frac{1}{6}$$



**Watch Video Solution**



**64.** Simplify:

$$17\frac{1}{5} - 8\frac{1}{2} - 1\frac{1}{4}$$



**Watch Video Solution**

**65.** Simplify:

$$11\frac{1}{10} - 7\frac{1}{20} + 6\frac{1}{10}$$



**Watch Video Solution**

**66.** Find LCM of the fractions below:

$$\frac{1}{4}, \frac{5}{6}$$



**Watch Video Solution**

**67.** Find LCM of the fractions below:

$$\frac{7}{12}, \frac{7}{15}$$



**Watch Video Solution**

**68.** Write 5 equivalent fractions for the given fractions:

$$\frac{5}{7}$$



**Watch Video Solution**

**69.** Write 5 equivalent fractions for the given fractions:

$$\frac{1}{2}$$



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**70. Evaluate:**

$$\frac{3}{5} \text{ of } 16$$



**Watch Video Solution**

**71. Evaluate:**

$$\frac{7}{13} \times 26$$



**Watch Video Solution**

**72. Evaluate:**

$$\frac{3}{7} \times \frac{4}{9}$$



**Watch Video Solution**

**73. Evaluate:**

$$\frac{3}{5} \text{ of } \frac{11}{17}$$



**Watch Video Solution**

**74.** Evaluate:

$$\frac{7}{20} \text{ times of } \frac{5}{14}$$



**Watch Video Solution**

**75.** Evaluate:

$$5 \div 25$$



**Watch Video Solution**

**76.** Evaluate:

$$\frac{4}{7} \div 16$$



**Watch Video Solution**

**77.** Evaluate:

$$4 \div \frac{1}{8}$$



**Watch Video Solution**

**78.** Evaluate:

$$\frac{34}{7} \div 5$$



**Watch Video Solution**

**79.** Evaluate:

$$6\frac{5}{12} \div 1\frac{7}{36}$$



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**80.** Fill in the blanks:

$$\frac{7}{11} = \frac{21}{\quad}$$



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**81.** Fill in the blanks:

$$\frac{1}{2} = \frac{\quad}{20}$$



**Watch Video Solution**

**82.** Fill in the blanks:

$$\frac{15}{\quad} = \frac{45}{51}$$



**Watch Video Solution**

**83.** Fill in the blanks:

$$\frac{\quad}{25} = \frac{32}{100}$$



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**84.** Fill in the blanks:

$$\frac{36}{60} = \frac{\quad}{5}$$



**Watch Video Solution**

**85.** Fill in the blanks:

$$\frac{\quad}{11} = \frac{6}{\quad} = \frac{18}{66} = \frac{54}{\quad} = \frac{\quad}{132}$$



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**86.** Fill in the blanks:

$$\frac{\quad}{14} = \frac{18}{\quad} = \frac{36}{56} = \frac{\quad}{168}$$



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**87.** Convert into improper fractions:

$$6\frac{12}{30}$$



**Watch Video Solution**

**88.** Convert into improper fractions:

$$3\frac{7}{9}$$



**Watch Video Solution**

**89.** Convert into improper fractions:

$$11\frac{1}{11}$$



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**90.** Convert into improper fractions:

$$21\frac{1}{20}$$



**Watch Video Solution**

**91.** Convert into improper fractions:

$$8\frac{1}{3}$$



**Watch Video Solution**

**92.** Convert into mixed numbers:

$$\frac{310}{25}$$



**Watch Video Solution**

**93.** Convert into mixed numbers:

$$\frac{37}{11}$$



**Watch Video Solution**

**94.** Convert into mixed numbers:

$$\frac{56}{19}$$



**Watch Video Solution**

**95.** Convert into mixed numbers:

$$\frac{25}{3}$$



**Watch Video Solution**



**96.** Convert into mixed numbers:

$$\frac{235}{10}$$



**Watch Video Solution**

**97.** Arrange in ascending order:

$$\frac{1}{6}, \frac{1}{15}, \frac{2}{5}, \frac{3}{4}$$



**Watch Video Solution**

**98.** Arrange in ascending order:

$$\frac{2}{3}, \frac{1}{6}, \frac{5}{12}, \frac{3}{4}$$



**Watch Video Solution**

**99.** Arrange in ascending order:

$$\frac{11}{28}, \frac{4}{7}, \frac{1}{2}, \frac{23}{56}$$



**Watch Video Solution**

**100.** Arrange in ascending order:

$$\frac{3}{5}, \frac{4}{7}, \frac{1}{3}, \frac{5}{12}$$



**Watch Video Solution**

**101.** Arrange in ascending order:

$$\frac{1}{6}, \frac{4}{5}, \frac{5}{6}, \frac{1}{2}$$



**Watch Video Solution**

**102.** Arrange in descending order:

$$\frac{5}{16}, \frac{3}{8}, \frac{1}{4}, \frac{1}{8}$$



**Watch Video Solution**

**103.** Arrange in descending order:

$$\frac{1}{4}, \frac{2}{5}, \frac{1}{3}, \frac{1}{9}$$



**Watch Video Solution**

**104.** Arrange in descending order:

$$\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{5}$$



**Watch Video Solution**

**105.** Arrange in descending order:

$$\frac{23}{25}, \frac{7}{10}, \frac{47}{50}, \frac{3}{5}$$



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**106.** Write each of the following fractions as a decimals.

$$\frac{7}{100}$$



**Watch Video Solution**

**107.** Write each of the following fractions as a decimals.

$$\frac{23}{1000}$$



**Watch Video Solution**

**108.** Write each of the following fractions as a decimal.

$$\frac{3}{4}$$



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**109.** Write each of the following decimals as a fraction.

0.6



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**110.** Write each of the following decimals as a fraction.

0.13



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**111.** Write each of the following decimals as a fraction.

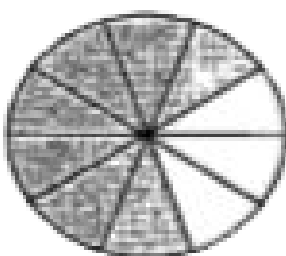
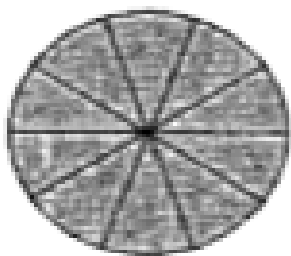
0.425



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**112.** State the decimal represented by the shaded parts in the following figures.



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**113.** Change the following fractions to decimals.

$$\frac{1}{5}$$



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**114.** Change the following fractions to decimals.

$$\frac{82}{100}$$



**Watch Video Solution**

**115.** Change the following fractions to decimals.

$$1\frac{2}{5}$$



**Watch Video Solution**

**116.** Change the following fractions to decimals.

$$9\frac{1}{4}$$



**Watch Video Solution**

**117.** Change the following fractions to decimals.

$$14\frac{1}{8}$$



**Watch Video Solution**

**118.** Complete the given number line



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**119.** Round off each of the following decimals to the number of decimal places given in brackets.

2.1425 (3 d.p.)



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**120.** Round off each of the following decimals to the number of decimal places given in brackets.

0.01721 (2 d.p.)



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**121.** Round off each of the following decimals to the number of decimal places given in brackets.

52.167 (1 d.p.)



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**122.** Round off each of the following decimals to the number of decimal places given in brackets.

1.0478 (2 d.p.)

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**123.** Arrange the following decimals in ascending order.

0.42, 0.5, 0.39, 0.22



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**124.** Round off each of the following decimals correct to the number of decimal places given in the brackets.

0.4192 (2 d.p.)



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**125.** Round off each of the following decimals correct to the number of decimal places given

in the brackets.

3.18 (1 d.p.)



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**126.** Round off each of the following decimals correct to the number of decimal places given in the brackets.

9.186 (2 d.p.)



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**127.** Round off each of the following decimals correct to the number of decimal places given in the brackets.

6.1995 (3 d.p.)



**Watch Video Solution**

**128.** Round off each of the following decimals correct to the number of decimal places given in the brackets.

0.1495 (3 d.p.)



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**129.** Round off each of the following decimals correct to the number of decimal places given in the brackets.

14.178 (2 d.p.)

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**130.** Round off each of the following decimals correct to the number of decimal places given

in the brackets.

4.096 (1 d.p.)



**Watch Video Solution**

**131.** Round off each of the following decimals correct to the number of decimal places given in the brackets.

15.972 (1 d.p.)



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**132.** Write down the square of each of the following:

12



**Watch Video Solution**

**133.** Write down the square of each of the following:

-5



**Watch Video Solution**

**134.** Write down the square of each of the following:

$$-\frac{1}{4}$$



**Watch Video Solution**

**135.** Write down the square of each of the following:

$$-2\frac{2}{3}$$



**Watch Video Solution**

**136.** Write down the square of each of the following:

3.2



**Watch Video Solution**

**137.** Find the value of each of the following:

$$\sqrt{36}$$



**Watch Video Solution**

**138.** Find the value of each of the following:

$$\sqrt{64}$$



**Watch Video Solution**

**139.** Find the value of each of the following:

$$\sqrt{144}$$



**Watch Video Solution**

**140.** Find the value of each of the following:

$$\sqrt{169}$$



**Watch Video Solution**

**141.** Find the value of each of the following:

$$\sqrt{10.24}$$



**Watch Video Solution**



**142.** Find the squares of the following by actual multiplication:

0.3



**Watch Video Solution**

**143.** Find the squares of the following by actual multiplication:

0.8



**Watch Video Solution**

**144.** Find the squares of the following by actual multiplication:

1.4



**Watch Video Solution**

**145.** Find the squares of the following by actual multiplication:

2.1



**Watch Video Solution**

**146.** Find the squares of the following by actual multiplication:

0.05



**Watch Video Solution**

**147.** Find the squares of the following by actual multiplication:

$$\frac{1}{10}$$


**Watch Video Solution**

**148.** Find the squares of the following by actual multiplication:

$$\frac{5}{10}$$



**Watch Video Solution**

**149.** Find the squares of the following by actual multiplication:

$$\frac{16}{10}$$



**Watch Video Solution**

**150.** Find two numbers between which the square roots of the following numbers lie:

6



**Watch Video Solution**

**151.** Find two numbers between which the square roots of the following numbers lie:

12



**Watch Video Solution**

**152.** Find two numbers between which the square roots of the following numbers lie:

23



**Watch Video Solution**

**153.** Find two numbers between which the square roots of the following numbers lie:

68



**Watch Video Solution**

**154.** Find two numbers between which the square roots of the following numbers lie:

120



**Watch Video Solution**

**155.** Find two numbers between which the square roots of the following numbers lie:

190



**Watch Video Solution**

**156.** Find two numbers between which the square roots of the following numbers lie:

246



**Watch Video Solution**

**157.** Find two numbers between which the square roots of the following numbers lie:

375



**Watch Video Solution**



**158.** Find two numbers between which the square roots of the following numbers lie:

862



**Watch Video Solution**

**159.** Find two numbers between which the square roots of the following numbers lie:

1000



**Watch Video Solution**

**160.** Find two numbers between which the square roots of the following numbers lie:

1100



**Watch Video Solution**

**161.** Find two numbers between which the square roots of the following numbers lie:

1250



**Watch Video Solution**

**162.** Find two numbers between which the square roots of the following numbers lie:

244



**Watch Video Solution**

**163.** Find two numbers between which the square roots of the following numbers lie:

315



**Watch Video Solution**

**164.** Find two numbers between which the square roots of the following numbers lie:

535



**Watch Video Solution**

**165.** Find two numbers between which the square roots of the following numbers lie:

340



**Watch Video Solution**

**166.** Find the square root of the following numbers by factor method.

64



**Watch Video Solution**

**167.** Find the square root of the following numbers by factor method.

100



**Watch Video Solution**

**168.** Find the square root of the following numbers by factor method.

144



**Watch Video Solution**

**169.** Find the square root of the following numbers by factor method.

289



**Watch Video Solution**

**170.** Find the square root of the following numbers by factor method.

900



**Watch Video Solution**

**171.** Find the square root of 196.



**Watch Video Solution**

**172.** Find the square root of the following numbers by factor method.

[Watch Video Solution](#)

**173.** Find the square root of 1225.

[Watch Video Solution](#)

**174.** Find the square root of the following numbers by factor method.

1521

[Watch Video Solution](#)



**175.** Find the square root of the following numbers by factor method.

4624



**Watch Video Solution**

**176.** Find the square root of the following numbers by factor method.

7056



**Watch Video Solution**

**177.** Find the square root of the following numbers by factor method.

8100



**Watch Video Solution**

**178.** Find the square root of the following numbers by factor method.

9216



**Watch Video Solution**

**179.** Find the square root of the following numbers by factor method.

17424



**Watch Video Solution**

**180.** Find the square root of the following numbers by factor method.

23716



**Watch Video Solution**

**181.** Find the square root of the following numbers by factor method.

10404



**Watch Video Solution**

**182.** Find the square root of the following numbers by factor method.

40401



**Watch Video Solution**

**183.** Find the square root of the following numbers by factor method.

10,000



**Watch Video Solution**

**184.** Find the square root of the following numbers by factor method.

38025



**Watch Video Solution**

**185.** Find the square root of the following numbers by factor method.

20736



**Watch Video Solution**

**186.** Simplify the following by factor method:

$$\sqrt{4} + \sqrt{9}$$



**Watch Video Solution**

**187.** Simplify the following by factor method:

$$\sqrt{100} + \sqrt{81}$$



**Watch Video Solution**

**188.** Simplify the following by factor method:

$$\sqrt{36} + \sqrt{4}$$



**Watch Video Solution**

**189.** Simplify the following by factor method:

$$\sqrt{9} + \sqrt{16}$$



**Watch Video Solution**

**190.** Simplify the following by factor method:

$$\sqrt{441} + \sqrt{121}$$



**Watch Video Solution**



**191.** Simplify the following by factor method:

$$\sqrt{2500} + \sqrt{441}$$



**Watch Video Solution**

**192.** Simplify the following by factor method:

$$\sqrt{529} + \sqrt{64}$$



**Watch Video Solution**

**193.** Simplify the following by factor method:

$$\sqrt{49} - \sqrt{4}$$



**Watch Video Solution**

**194.** Simplify the following by factor method:

$$\sqrt{64} - \sqrt{9}$$



**Watch Video Solution**

**195.** Simplify the following by factor method:

$$\sqrt{100} - \sqrt{81}$$



**Watch Video Solution**

**196.** Simplify the following by factor method:

$$\sqrt{729} - \sqrt{100}$$



**Watch Video Solution**

**197.** Simplify the following by factor method:

$$\sqrt{961} - \sqrt{484}$$



**Watch Video Solution**

**198.** Simplify the following by factor method:

$$\sqrt{4} \times \sqrt{49}$$



**Watch Video Solution**

**199.** Simplify the following by factor method:

$$\sqrt{100} \times \sqrt{169}$$



**Watch Video Solution**

**200.** Simplify the following by factor method:

$$\sqrt{324} \times \sqrt{144}$$



**Watch Video Solution**

**201.** Simplify the following by factor method:

$$\sqrt{256} \times \sqrt{4}$$



**Watch Video Solution**

**202.** Simplify the following by factor method:

$$\sqrt{196} \times \sqrt{9}$$



**Watch Video Solution**

**203.** Write the number of digits in the square root of the following numbers : (no calculation needed)

324



**Watch Video Solution**

**204.** Write the number of digits in the square root of the following numbers : (no calculation needed)

676





[Watch Video Solution](#)

**205.** Write the number of digits in the square root of the following numbers : (no calculation needed)

1369



[Watch Video Solution](#)

**206.** Write the number of digits in the square root of the following numbers : (no calculation



needed)

21904



**Watch Video Solution**

**207.** Write the number of digits in the square root of the following numbers : (no calculation needed)

4937284



**Watch Video Solution**

**208.** Write the number of digits in the square root of the following numbers : (no calculation needed)

9803161



**Watch Video Solution**

**209.** Identify which of the following are perfect squares.

10, 100, 15, 30, 81



**Watch Video Solution**

## Summative Worksheet

1. Find the LCM by prime factorisation:

90, 126, 135



**Watch Video Solution**

2. Find the LCM by prime factorisation:

15, 18, 36, 45



**Watch Video Solution**

**3.** Find the LCM by prime factorisation:

96, 588



**Watch Video Solution**

**4.** Find the sum of all the common factors of  
10 and 25.



**Watch Video Solution**

5. Find the highest common factor of 35 and 56.



**Watch Video Solution**

6. List all the factors of 27 and 52.



**Watch Video Solution**

7. There are 24 hours in a day. What fraction of a day does 11 hours represent?



[Watch Video Solution](#)

8. In a family with 11 children, there are 4 boys and 7 girls. What fraction of the children are girls?



[Watch Video Solution](#)

9. A work shift for an employee at Mc Donald's consists of 8 hours. What fraction of the

employee's work shift is represented by 6 hours?



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**10.** There are 35 students in a biology class. If 10 students made grade A in the first test, what fraction of the students made grade A?



**Watch Video Solution**

11. Four out of 10 marbles are red. What fraction of marbles are not red?



**Watch Video Solution**

12. There are 100 centimeters in 1 meter. What fraction of a meter is 20 centimeters?



**Watch Video Solution**

13.  $\left(\frac{2}{7} \div \frac{7}{2}\right) \times \frac{3}{4}$





Watch Video Solution

14.  $\frac{1}{2} \times \left( \frac{5}{6} \div \frac{1}{12} \right)$



Watch Video Solution

15. Express  $\frac{18}{100000}$  as a decimal.

A. 1.8E-6

B. 0.00018

C. 0.018

D. 0.18

**Answer:**



**Watch Video Solution**

**16.** Express 0.07 as a fraction.

A.  $\frac{7}{10}$

B.  $\frac{1}{10}$

C.  $\frac{7}{100}$

D.  $\frac{1}{700}$

**Answer:**



**Watch Video Solution**

**17.** 0.0999 as a fraction is

A.  $\frac{999}{10}$

B.  $\frac{999}{100}$

C.  $\frac{999}{1,000}$

D.  $\frac{999}{10,000}$

**Answer:**



[Watch Video Solution](#)

**18.** The place value of the digit 4 in 0.05141 is

A. tenths

B. hundredths

C. thousandths

D. ten thousandths

**Answer:**



[Watch Video Solution](#)

**19.** Which of the following is the smallest decimal?

A. 0.018

B. 0.07

C. 0.074

D. 0.0054

**Answer:**



**Watch Video Solution**

20. Which of the following is the greatest decimal?

A. 0.0019

B. 0.009

C. 0.019

D. 0.0091

**Answer:**



**Watch Video Solution**

21. Which of the following is the nearest to 12.531?

A. 12.54

B. 12.53

C. 12.52

D. 12.50

**Answer:**



**Watch Video Solution**

22. 1.84359 rounded off to 3 decimal places becomes

A. 1.843

B. 1.844

C. 1.845

D. 1.846

**Answer:**



**Watch Video Solution**



23. The diagram below shows a list of decimals.

I. 53.760	II. 4.016
III. 2.63	IV. 0.06

Which are the highest and lowest decimals?

- A. I and II
- B. II and III
- C. III and IV
- D. I and IV

**Answer:**



**Watch Video Solution**

24.  $(-0.3)^2 =$

A. -0.09

B. -0.9

C. 0.09

D. 0.9

**Answer:**



**Watch Video Solution**

25.  $\left(-\frac{4}{9}\right)^2 =$

A.  $-\frac{16}{81}$

B.  $-\frac{4}{9}$

C.  $\frac{16}{81}$

D.  $\frac{4}{9}$

**Answer:**



**Watch Video Solution**

26.  $\left(5\frac{1}{2}\right)^2 =$

A.  $\frac{1}{4}$

B.  $\frac{11}{4}$

C.  $\frac{25}{4}$

D.  $\frac{121}{4}$

**Answer:**



**Watch Video Solution**

27. The value of  $(3.42)^2$  lies between

A. 6 and 7

B. 9 and 16

C. 26 and 36

D. 40 and 44

**Answer:**



**Watch Video Solution**

28.  $\sqrt{480}$  is

A. greater than 20

B. less than 20

C. equal to 20

D. equal to 40

**Answer:**



**Watch Video Solution**

29. Calculate the value of  $\sqrt{6\frac{1}{4}}$ .

A.  $\frac{1}{2}$

B.  $\frac{3}{4}$

C.  $1\frac{1}{2}$

D.  $2\frac{1}{2}$

**Answer:**



**Watch Video Solution**

30. Calculate the value of  $\sqrt{1 - \frac{16}{25}}$ .

A.  $\frac{9}{5}$

B.  $\frac{3}{5}$

C.  $\frac{3}{25}$

D.  $\frac{1}{25}$

**Answer:**



**Watch Video Solution**



1. What is the lowest common multiple of 2, 5 and 11?



**Watch Video Solution**

2. Determine the lowest common multiple of 6 and 9.



**Watch Video Solution**

3. List all the factors of 81.



**Watch Video Solution**

4. List all the prime factors of 72.



**Watch Video Solution**

5. Determine the common factors of 12 and 27.



**Watch Video Solution**

6. Find the lowest common multiple of 3, 6 and 7.



**Watch Video Solution**

7. Find the lowest common multiple of 6, 11 and 18.



**Watch Video Solution**

**8.** Find the lowest common multiple of 8, 12 and 20.

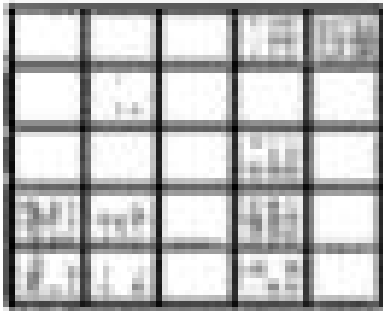


**Watch Video Solution**

**9.** What is the H.C.F of two consecutive numbers?



**Watch Video Solution**



10.

Determine the fraction of the shaded parts in the figure shown.

A.  $\frac{2}{5}$

B.  $\frac{11}{25}$

C.  $\frac{12}{25}$

D.  $\frac{12}{25}$

**Answer: D**



**Watch Video Solution**

11.  $\frac{1}{3} + \frac{3}{4} + \frac{5}{6} =$

A.  $1\frac{5}{12}$

B.  $1\frac{7}{12}$

C.  $1\frac{9}{12}$

D.  $1\frac{11}{12}$

**Answer:**



Watch Video Solution

12. Asri completed  $\frac{1}{5}$  of his assessment on Monday and  $\frac{3}{4}$  of it on Tuesday. How much of his assessment did Asri complete in the two days?

A. 1

B.  $\frac{4}{9}$

C.  $\frac{3}{20}$

D.  $\frac{19}{20}$

**Answer:**



**Watch Video Solution**

**13.**  $3\frac{1}{5} \times \frac{5}{8} =$

A.  $\frac{1}{8}$

B.  $\frac{1}{5}$

C.  $\frac{1}{2}$

D. 2

**Answer:**





Watch Video Solution

14. Anu had Rs. 150. She gave  $\frac{3}{5}$  of this to Rajani. Rajani gave  $\frac{1}{2}$  of the money she received to Narmada. How much did Narmada receive if she also received  $\frac{1}{2}$  of the money that Anu had left?

A. Rs. 90

B. Rs. 80

C. Rs. 75

D. Rs. 45

**Answer:**



**Watch Video Solution**

$$15. 30 - \left( \frac{2}{7} \div \frac{2}{21} \right) =$$

A. 312

B.  $29\frac{143}{147}$

C. 28

D. 27

**Answer:**



**Watch Video Solution**

16.  $\left(\frac{3}{4} + \frac{5}{8}\right) \div \frac{1}{16} =$

A. 22

B. 20

C.  $\frac{1}{20}$

D.  $\frac{1}{22}$

**Answer:**



Watch Video Solution

17.  $7\frac{2}{9} \div \left( \frac{1}{3} + \frac{5}{9} \right) =$

A.  $22\frac{2}{9}$

B.  $9\frac{34}{81}$

C.  $8\frac{1}{8}$

D.  $5\frac{1}{8}$

**Answer:**



Watch Video Solution

18.  $\left(\frac{1}{5} \div \frac{1}{10}\right) \times \frac{1}{18} =$

A. 9

B. 7

C.  $\frac{1}{5}$

D.  $\frac{1}{9}$

**Answer:**



**Watch Video Solution**

**19.** Between which two whole numbers on the number line is the number 0.5 lies?

A. 0 and 1

B. 1 and 2

C. 2 and 3

D.  $-1$  and 0

**Answer:**



**Watch Video Solution**

**20.** Between which two whole numbers on the number line is the number 3.3 lies?

A. 0 and 1

B. 1 and 2

C. 2 and 3

D. 3 and 4

**Answer:**



**Watch Video Solution**

21.  $0.02 =$

A.  $\frac{1}{25}$

B.  $\frac{1}{50}$

C.  $\frac{1}{100}$

D.  $\frac{1}{10}$

**Answer:**



**Watch Video Solution**



22.  $1.44 =$

A.  $\frac{36}{25}$

B.  $\frac{72}{25}$

C.  $\frac{36}{50}$

D.  $\frac{72}{100}$

**Answer:**



**Watch Video Solution**

23.  $111 + \frac{1}{100} =$

A. 111.01

B. 111.1

C. 111.001

D. 111.0001

**Answer:**



**Watch Video Solution**

24.  $\frac{2}{10} + \frac{3}{100} + \frac{4}{1000} =$

A. 0.234

B. 2.34

C. 23.4

D. 234

**Answer:**



**Watch Video Solution**

25.  $12 + \frac{2}{10} + \frac{4}{1000} =$

A. 12.204

B. 12.024

C. 12.402

D. 12.24

**Answer:**



**Watch Video Solution**

26.  $0.05 =$

A.  $\frac{1}{2}$

B.  $\frac{1}{20}$

C.  $\frac{1}{200}$

D.  $\frac{1}{2000}$

**Answer:**



**Watch Video Solution**

27.55 m =

A. 0.055 km

B. 0.55 km

C. 0.0055 km

D. 5.5 km

**Answer:**



**Watch Video Solution**

**28. 5g =**

A. 0.005 kg

B. 0.05 kg

C. 0.5 kg

D. none of these

**Answer:**



**Watch Video Solution**

**29.** 5 kg 5 g =

A. 5.005 kg

B. 5.05 kg

C. 5.5 kg

D. 0.55 kg

**Answer:**



**Watch Video Solution**



30.  $12\text{ kg } 20\text{ g} =$

A.  $12.02\text{ kg}$

B.  $12.2\text{ kg}$

C.  $12.002\text{ kg}$

D.  $12.002\text{ kg}$

**Answer:**



**Watch Video Solution**

**31.** The length of a square is 2.54 cm. Find the area of the square correct to two decimal places.



**Watch Video Solution**

**32.** State whether each of the following statements is true or false.

$(5.01)^2$  lies between 16 and 25



**Watch Video Solution**

**33.** State whether each of the following statements is true or false.

$(26.1)^2$  lies between 400 and 900



**Watch Video Solution**

**34.** State whether each of the following statements is true or false.

$144 < (12.1)^2 < 169$



**Watch Video Solution**

**35.** State whether each of the following statements is true or false.

$$0.1 < (0.12)^2 < 0.2$$



**Watch Video Solution**

**36.** Find the value of each of the following:

$$\sqrt{2} \times \sqrt{3}$$



**Watch Video Solution**

**37.** Find the value of each of the following:

$$\sqrt{\frac{3}{4}} \times \sqrt{\frac{1}{4}}$$



**Watch Video Solution**

**38.** Find the value of each of the following:

$$\sqrt{1.4} \times \sqrt{2}$$



**Watch Video Solution**

**39.** Find the value of each of the following:

$$\sqrt{1\frac{2}{3}} \times \sqrt{2\frac{1}{5}}$$



**Watch Video Solution**

**40.** Find the square root of each of the following numbers, without the use of calculator.

16



**Watch Video Solution**

**41.** Find the square root of each of the following numbers, without the use of calculator.

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



**Watch Video Solution**

**42.** Find the square root of each of the following numbers, without the use of calculator.

$$\frac{1}{4}$$



**Watch Video Solution**

**43.** Find the square root of each of the following numbers, without the use of calculator.

$$\frac{8}{50}$$



**Watch Video Solution**

**44.** Find the square root of each of the following numbers, without the use of



calculator.

$$3\frac{1}{16}$$



**Watch Video Solution**

**45.** Find the value of each of the following,  
without the use of calculator.

$$\sqrt{121}$$



**Watch Video Solution**

**46.** Find the value of each of the following, without the use of calculator.

$$\sqrt{1\frac{7}{9}}$$



**Watch Video Solution**

**47.** Find the value of each of the following, without the use of calculator.

$$\sqrt{\frac{243}{300}}$$



**Watch Video Solution**

1. The highest common factor of 14 and 49 is

- A. 2
- B. 7
- C. 14
- D. 21

**Answer:**



**Watch Video Solution**

2. Which of the following numbers are prime factors of 150?

A. 2, 3 and 5

B. 5 and 6

C. 5 and 10

D. 2, 3 and 15

**Answer:**



**Watch Video Solution**

3. Determine all prime factors of 138.

A. 2, 3 and 23

B. 1, 2 and 23

C. 2, 3 and 46

D. 6 and 23

**Answer:**



**Watch Video Solution**

4. The prime factors of 100 are

A. 1, 2 and 5

B. 2 and 5

C. 4 and 5

D. 5 and 10

**Answer:**



**Watch Video Solution**

**5.** For the sequence 2, 6, 10,  $x$ , 18, the value of  $x$  is

A. 12

B. 14

C. 15

D. 16

**Answer:**



**Watch Video Solution**

**6.** Find the lowest common multiple of 6, 14 and 16.

A. 2

B. 14

C. 16

D. 336

**Answer:**



**Watch Video Solution**

7. 7 and 9 are factors of  $x$ . What is a possible value of  $x$ ?



A. 63

B. 70

C. 81

D. 84

**Answer:**



**Watch Video Solution**

**8. The common multiples of 20 and 30 are**

A. 40, 60

B. 50, 60

C. 60, 120

D. 100, 120

**Answer:**



**Watch Video Solution**

**9.** The sum of all the prime factors of  $t$  is 5. A possible value of  $t$  is

A. 36

B. 30

C. 26

D. 20

**Answer:**



**Watch Video Solution**

**10.** 19,  $x$ , 29, 31,  $y$ , 41, 43 are a list of prime numbers in ascending order. The value of  $x + y$  is

A. 60

B. 37

C. 23

D. 21

**Answer:**



**Watch Video Solution**

**11.** Which of the following statements is true?

A. 1 is a prime number

B. 1 is neither a prime nor a composite number

C. A prime number will have the number itself as one of its factors

D. A composite number will have only two factors

**Answer:**



**Watch Video Solution**

12. Which of the following is/are a factor of 1113?

A. 3

B. 6

C. 53

D. 11

**Answer:**



**Watch Video Solution**

**13.** The prime number between 40 and 50:

A. 49

B. 47

C. 41

D. 43

**Answer:**



**Watch Video Solution**

**14.** The common multiples of 7 and 13:

A. 91

B. 182

C. 273

D. 364

**Answer:**



**Watch Video Solution**

**15.** Which of the following is the number which can divide 60, 90, 120?



A. 30

B. 60

C. 90

D. 15

**Answer:**



**Watch Video Solution**

**16.** Which is true?

A.  $(\text{HCF} \times \text{LCM})$  of  $a$  and  $b = a \times b$

B.  $(HCF + LCM)$  of  $a$  and  $b = a + b$

C.  $(HCF - LCM)$  of  $a$  and  $b = a - b$

D.  $HCF \div LCM$  of  $a$  and  $b = a \div b$

**Answer:**



**Watch Video Solution**

**17.** The number of possible sets of two prime numbers such that their sum or difference will never yield a composite number is \_\_\_\_\_.



**Watch Video Solution**

18.  $3\frac{2}{5} + 1\frac{5}{6} - \frac{1}{5} =$

A.  $5\frac{3}{19}$

B.  $5\frac{5}{19}$

C.  $5\frac{1}{30}$

D.  $6\frac{1}{30}$

**Answer:**



**Watch Video Solution**

19.  $\frac{5}{18} \div \left( \frac{2}{3} - \frac{1}{6} \right) =$

A.  $\frac{4}{9}$

B.  $\frac{5}{9}$

C.  $\frac{7}{9}$

D.  $\frac{8}{9}$

**Answer:**



**Watch Video Solution**

20.  $\left(7\frac{1}{2} - 3\frac{2}{3}\right) \times \frac{12}{69} =$

A.  $\frac{1}{3}$

B.  $\frac{2}{3}$

C.  $1\frac{1}{3}$

D.  $2\frac{2}{3}$

**Answer:**



**Watch Video Solution**

21. The fraction equal to  $\frac{3}{7}$  is :

A.  $\frac{3}{14}$

B.  $\frac{6}{14}$

C.  $\frac{9}{21}$

D.  $\frac{12}{28}$

**Answer:**



**Watch Video Solution**

22.  $\frac{1}{6} < \frac{2}{3}$  because :

A.  $(1 \times 3) < (2 \times 6)$

B. We cannot say without number line

C.  $\frac{2}{3} = \frac{4}{6}$

D. numerator 1 < numerator 2

**Answer:**



**Watch Video Solution**

23. Which of the following statements is false?

A. 5 hours is  $\frac{1}{6}$  of a day

B. 4 days is  $\frac{4}{7}$  of a week

C. 1 month is  $\frac{1}{12}$  of a year

D. 6 months is  $\frac{1}{2}$  of a year

**Answer:**



**Watch Video Solution**



24.  $3\frac{2}{5}$  is equal to:

A.  $3 \times \frac{2}{5}$

B.  $3 - \frac{2}{5}$

C.  $3 + \frac{2}{5}$

D.  $\frac{17}{5}$

**Answer:**



**Watch Video Solution**

$$25. \frac{1}{3} + \frac{2}{3} =$$



Watch Video Solution

$$26. \frac{9}{3} - \frac{6}{3} =$$



Watch Video Solution

$$27. \frac{3}{4} \times \frac{8}{3} =$$



Watch Video Solution

28.  $\frac{5}{4} \div \frac{1}{4} =$



Watch Video Solution

29.  $\frac{22}{10} =$

A. 0.22

B. 2.2

C. 2.02

D. 2.002

**Answer:**



**Watch Video Solution**

**30.**  $1 + \frac{1}{10} =$

A. 0.11

B. 1.1

C. 1.01

D. 1.001

**Answer:**



Watch Video Solution

31.  $\frac{5}{2} =$

A. 0.5

B. 0.2

C. 2.5

D. 0.25

**Answer:**



Watch Video Solution

32.  $\frac{3}{5} =$

A. 0.6

B. 0.006

C. 0.0006

D. 0.06

**Answer:**



**Watch Video Solution**

33.  $2\frac{1}{10} =$

A. 2.1

B. 2.01

C. 2.001

D. 2.0002

**Answer:**



**Watch Video Solution**

**34.** Between which two whole numbers on the number line is the number 5.3 lies?

A. 1 and 2

B. 2 and 3

C. 3 and 4

D. 5 and 6

**Answer:**



**Watch Video Solution**



35.  $10 + 2 + \frac{1}{10} + \frac{2}{100} =$

A. 12.12

B. 12.21

C. 11.11

D. 21.12

**Answer:**



**Watch Video Solution**

36. 1 kg 500 g =

A. 1.5 kg

B. 1.05 kg

C. 1.005 kg

D. 1.0005 kg

**Answer:**



**Watch Video Solution**

**37.** Which of the following has same values  $\frac{15}{20}$

?

A.  $\frac{3}{4}$

B.  $\frac{75}{100}$

C. 0.75

D.  $\frac{1}{2}$

**Answer:**



**Watch Video Solution**

**38.** Which of the following fraction has same value as 0.005?

A.  $\frac{5}{100}$

B.  $\frac{5}{1000}$

C.  $\frac{1}{200}$

D.  $\frac{1}{20}$

**Answer:**



**Watch Video Solution**

**39.**  $0.17 + \underline{\quad} = 5.17.$



**Watch Video Solution**

**40.**  $8244 \div \underline{\quad ? \quad} = 1374.$



**Watch Video Solution**

**41.**  $10.875 - \underline{\quad ? \quad} = 1.875.$



**Watch Video Solution**

**42.**  $6.25 \div 2.5 = 5 \div \underline{\quad ? \quad}$



**Watch Video Solution**

**43.** The value of  $\sqrt{6.9 \times 100}$  lies between

A. 800 and 900

B. 200 and 300

C. 80 and 90

D. 20 and 30

**Answer:**



**Watch Video Solution**

**44.** Which of the following is true for  $\sqrt{9+4}$

A.  $\sqrt{9} + \sqrt{4}$

B.  $3 + 2$

C.  $\sqrt{13}$

D. None of these

**Answer:**



**Watch Video Solution**

**45.** The square of a number 'n' is:

A.  $(n)^2$

B.  $2n$

C.  $(n \times n)$

D. None of these

**Answer:**



**Watch Video Solution**



46.  $\sqrt{0.87} =$  \_\_\_\_\_

A. 87

B.  $\frac{87}{10}$

C.  $\frac{\sqrt{87}}{10}$

D.  $\sqrt{\frac{87}{100}}$

**Answer:**



**Watch Video Solution**

47.  $\sqrt{x^2 \times y^2 \times z^2} = \underline{\hspace{2cm}}$

A.  $\sqrt{x^2} \times \sqrt{y^2} \times \sqrt{z^2}$

B.  $x \times y \times z$

C.  $\sqrt{(xyz)^2}$

D. None of these

**Answer:**



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48.  $\sqrt{13^2} - \sqrt{36} \times \sqrt{4} =$



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49. Given that  $(y - 4)^2 = 16$ ,  $y =$



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50.  $\sqrt{9} \times \sqrt{9} =$



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**51.** The square root of 16



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