



# EMIRATES ENGLISH SPEAKING SCHOOL, DUBAI

GRADE: 7

SUB : MATHEMATICS

WORKSHEET

DATE :

NAME: \_\_\_\_\_ SEC \_\_\_\_\_ ROLL NO: \_\_\_\_\_

1. Write and learn thoroughly tables from 2 to 15.
2. List all the prime numbers between 1 and 20.
3. List all the prime numbers between 25 and 50.
4. Write the prime factorization of the following numbers:  
(a) 20      (b) 45      (c) 135      (d) 78      (e) 400
5. Check whether the following numbers are divisible by 2, 3, 5, 9, 10, 11.  
(a) 3939      (b) 2432      (c) 455  
(d) 828      (e) 1924
6. Find the HCF of the following  
(a) 14, 24      (b) 18, 72      (c) 15, 20, 25  
(d) 18, 24, 60      (e) 27, 54, 63
7. (a) How do you work out  $3 + 6 \times 2$  ?  
(b) How do you work out  $(3 + 6) \times 2$  ?
8. What is the value of  $3 + 6 \div 3 \times 2$  ?
9. What is the value of  $5 \times 3 - 12 \div 4 + 8$  ?
10. What is the value of  $5 \times 4 - 2 \times 3 + 16 \div 4$  ?

11. What is the value of  $30 - (5 \times 9 - 15)$ ?

12. What is the value of  $(15 \div 3 + 4) - (9 - 7 \times 2)$ ?

13. Find the LCM of the following:

(a) 3,9,21

(b) 12, 80

(c) 4, 6, 8

(d) 8, 12, 15

(e) 9, 12, 24

(f) 16, 24, 30

(g) 6, 9, 10, 15

(h) 8, 9, 12, 16

(i) 5, 7

14. Evaluate

$$5 + (-4) + (-7) + 25$$

15. Add the following integers:

(a)  $(+2) + (-5) = \underline{\hspace{2cm}}$

(b)  $(-1) + (+3) = \underline{\hspace{2cm}}$

(c)  $(+8) + (+4) = \underline{\hspace{2cm}}$

(d)  $(-7) + (-2) = \underline{\hspace{2cm}}$

(e)  $(-6) + (-17) = \underline{\hspace{2cm}}$

(f)  $(+7) + (+8) = \underline{\hspace{2cm}}$

(g)  $(-4) + (+3) = \underline{\hspace{2cm}}$

(h)  $(-12) + (-6) = \underline{\hspace{2cm}}$

(i)  $(+9) + (-4) = \underline{\hspace{2cm}}$

(j)  $(-5) + (-9) = \underline{\hspace{2cm}}$

(k)  $(-5) + (-6) = \underline{\hspace{2cm}}$

(l)  $(-15) + (+4) = \underline{\hspace{2cm}}$

**16. Multiply:**

(a)  $234 \times 1000 = \underline{\hspace{2cm}}$

(b)  $45 \times 10000 = \underline{\hspace{2cm}}$

(c)  $130 \times 100 = \underline{\hspace{2cm}}$

(d)  $2.6777 \times 100 = \underline{\hspace{2cm}}$

(e)  $13.26 \times 10 = \underline{\hspace{2cm}}$

(f)  $14.07 \times 1000 = \underline{\hspace{2cm}}$

(g)  $138.98 \times 1000 = \underline{\hspace{2cm}}$

(h)  $0.9812 \times 100 = \underline{\hspace{2cm}}$

**17. Divide the following:**

(a)  $234 \div 10 = \underline{\hspace{2cm}}$

(b)  $457 \div 100 = \underline{\hspace{2cm}}$

(c)  $138 \div 1000 = \underline{\hspace{2cm}}$

(d)  $2677.7 \div 100 = \underline{\hspace{2cm}}$

(e)  $13.26 \div 100 = \underline{\hspace{2cm}}$

(f)  $14.07 \div 1000 = \underline{\hspace{2cm}}$

(g)  $0.198 \div 10 = \underline{\hspace{2cm}}$

(h)  $9.812 \div 1000 = \underline{\hspace{2cm}}$

**18. Add the following:**

(a) Add  $\frac{1}{6}$  and  $\frac{5}{12}$

(b) Add  $\frac{2}{9}$  and  $\frac{7}{15}$

(c) Add  $\frac{8}{15}$  and  $\frac{3}{10}$

(d) Add  $\frac{2}{9}$ ,  $\frac{5}{12}$  and  $\frac{1}{36}$

(e) Add  $\frac{1}{3}$ ,  $\frac{7}{12}$  and  $\frac{5}{8}$

**19. Subtract the following:**

(a) Subtract  $\frac{3}{5}$  from  $\frac{9}{10}$

(b) Subtract  $\frac{8}{15}$  from  $\frac{5}{6}$

(c) What is  $\frac{2}{3} - \frac{3}{8} - \frac{1}{12}$  ?

**20. Multiply the following:**

(a) What is  $\frac{3}{4} \times \frac{5}{6}$  ?

(b) What is  $\frac{5}{12} \times \frac{4}{9}$  ?

(c) What is  $\frac{5}{14} \times \frac{7}{8}$  ?

(d) What is  $\frac{2}{5} \times \frac{3}{4} \times \frac{5}{8}$  ?

(e) What is  $\frac{3}{8} \times \frac{7}{10} \times \frac{5}{12}$  ?

**21. Express the following as decimals.**

a)  $\frac{17}{20}$

b)  $\frac{17}{40}$

c)  $\frac{19}{125}$

d)  $\frac{8}{25}$

**25.** What is  $\frac{6}{7} \div \frac{3}{14}$  ?

**26.** What is  $2\frac{1}{2} \div 3\frac{3}{4}$  ?