

Name: \_\_\_\_\_

# Vowel Diphthongs

' au, aw, oi, ou, and oy '

Vowel Diphthong	Word
au	haul
ow	saw
oi	boil
ou	out
oy	toy

Write the missing letters to complete the words.

1. Gary found a \_\_\_\_\_ on the street. (e--n)
2. I didn't do it. It's not my \_\_\_\_\_. (f--lt)
3. The girl can \_\_\_\_\_ pretty pictures. (dr--)
4. My aunt just had a baby \_\_\_\_\_. (b--)
5. I see a \_\_\_\_\_ in the sky. (h--k)
6. If you break the \_\_\_\_\_, you can go to jail. (l--)
7. Peter wants to \_\_\_\_\_ the club. (j--n)
8. It's \_\_\_\_\_ time they came. (ab--t)
9. There is a gray rain \_\_\_\_\_ above us. (cl--d)
10. My brother can \_\_\_\_\_ to ten. (c--nt)

**EMERALD HIGH SCHOOL**  
**YEAR 7 MATHEMATICS HOLIDAY ASSIGNMENT**

NAME: \_\_\_\_\_

1. Find the L.C.M of 8,12 and 24

- A. 12
- B. 24
- C. 36
- D. 72

2. Add together  $\frac{2}{3} + \frac{3}{4}$

- A.  $\frac{3}{4}$
- B.  $1\frac{5}{12}$
- C.  $\frac{12}{17}$
- D. 3

3. What are the prime factors of 36

- A. 2 and 3
- B. 1,2 and 3
- C. 1,2,3 and 4
- D. 2,3 and 6

4. What is the value of 8 in 18,214?

- A. Units
- B. Tens
- C. Hundreds
- D. Thousands

5. The number of minutes in hours is.....

- A. 45
- B. 65
- C. 90
- D. 120

6. If  $5\frac{1}{7}$  is express as an improper fraction, its numerator will be..

- A. 36
- B. 35
- C. 13
- D. 12

7. The value of 3 in 24.635 is ..

- A. 3 thousandths
- B. 3 hundredths
- C. 3 tenths
- D. 3 units

8. Round 64.725 to one decimal place.

- A. 64.73
- B. 64.74
- C. 64.7
- D. 64.8

9. Write 23,003 in words

- A. Twenty three thousand and three
- B. Twenty three thousand, three hundred and three
- C. Two thousand and three hundred
- D. Two and three thousand and three

10. Change 25% to a decimal

- A. 25
- B. 2.5
- C. 0.25
- D. 0.025

11. Round 64.725 to the nearest whole number

- A. 64.7
- B. 64.8
- C. 65
- D. 65,2

12. Add together  $1011_2 + 1110011_2$

- A.  $1000110_2$
- B.  $1110001_2$
- C.  $1110000_2$
- D.  $1111110_2$

13. Write down the first three multiples of 4

- A. 1,2,4
- B. 2,4,8
- C. 4,8,12
- D. 8,12,16

14. Multiples of 6 are those numbers.....

- A. 6 can divide without a remainder
- B. That can divide 6 without a remainder
- C. 6 can divide with remainder
- D. 6 cannot divide

15. Round 23.056 to 2 decimal places

- A. 13.0056
- B. 23.006
- C. 23.15
- D. 23.06

16. Express 48 as the product of its prime factors in index form.

- A.  $2^4 \times 3^3$
- B.  $2^3 \times 3^2$
- C.  $2^2 \times 3^3$
- D.  $2^5 \times 3^2$

17. One of the following numbers is not a prime number. 23, 39, 47 53, and 61

- A. 61
- B. 53

- C. 47
- D. 39

18. Find the value of  $x$  in the equation;  $x + 5 = 9$

- A. 4
- B. 5
- C. 6
- D. 9

19. Convert  $324_{\text{ten}}$  to base two.

- A.  $110100110_2$
- B.  $100110010_2$
- C.  $101000100_2$
- D.  $111001001_2$

20. I think of a number, I divide it by 7. the answer is 12. what is the number?

- A. 5
- B. 19
- C. 84
- D. 96