

Name:.....

class: 5/ .....

**1. Write this number in words form :**

- a) **34, 506 ,400** .....
- .....
- b) **87.45** .....
- c) **4.06** .....

**2) Write the value of underline digit:**

- a) **62.42**      b) **7.026**      c) **8.581**      d) **9.563**

.....  
1. 469,999.....  
2. 1,040,710**3) Change from standard form to expanded form :**

- a) **3,412,406** : .....
- b) **5,303,149** : .....
- c) **3.41** : .....
- d) **67.807** : .....

**4) Change from expand form to standard form :**

a)  $(5 \times 1) + (3 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) = \dots\dots\dots$

b)  $(3 \times 10) + (4 \times 1) + (5 \times \frac{1}{10}) + (6 \times \frac{1}{1000}) = \dots\dots\dots$

c)  $5000\ 000 + 200\ 000 + 6000 + 900 + 4 = \dots\dots\dots$

d)  $8000\ 000 + 200\ 000 + 30\ 000 + 100 + 2 = \dots\dots\dots$

e)  $(5 \times 10) + (4 \times 1) + (7 \times \frac{1}{10}) + (3 \times \frac{1}{1000}) = \dots\dots\dots$

5) Order the numbers from greatest to least :

a.            15.253            15.09            14.245            15.6  
..... , ..... , ..... , .....

b.    138,023            138,032            139,006            183,487  
..... , ..... , ..... , .....

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6) Choose the correct answer:

1. How is  $\frac{16}{1,000}$  written as a decimal?

- A. 16.000            B. 1.600            C. 0.160            D. 0.016

2. How is the fraction  $\frac{39}{100}$  written as a decimal?

- A. 0.039            B. 0.39            C. 0.0039            D. 3.9

3. What is the value of 7 in 6,723?

- A. 7,000            B. 700            C. 70            D. 7

4. What is six and two hundred thirty-four thousandths written in standard form?

- A) 60.234            B) 6.234            C) 6.204            D) 6.34

5. What is thirty-seven hundredths written in standard form?

- A) 0.37            B) 0.307            C) 37.0            D) 0.3

6. Which of the following shows the numbers ordered from *least to greatest*?            **0.302, 0.32, 0.106, 0.160, 0.3**

- A. 0.32, 0.3, 0.302, 0.160, 0.106  
B. 0.106, 0.160, 0.3, 0.302, 0.32  
C. 0.106, 0.160, 0.302, 0.32, 0.3  
D. 0.160, 0.106, 0.3, 0.302, 0.32

7. What is six thousand, two hundred thirty-four written in standard form?

- A) 60,254            B) 6,254            C) 6,234            D) 623

6) write  $<$ ,  $>$ ,  $=$  in each  $\bigcirc$  to make a true sentence ..

0.4  $\bigcirc$  0.09

0.3  $\bigcirc$  0.003

0.50  $\bigcirc$  0.5

28.250  $\bigcirc$  28.520

0.6  $\bigcirc$  0.60

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7) write each number in standard form :

a) sixteen and four tenths .....

b) nine and two hundred five thousandths .....

c) one and eight hundredths .....

d) seven tenths .....

e) fourteen and six tenths .....

f) nine and two hundred five thousandths .....

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8) Circle the digit:

a) in the tenth place      5.123

b) in the hundredths place      16.45

c) in the thousandths place      0.105

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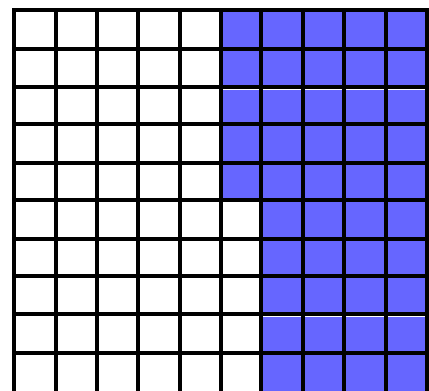
9) Which decimal represents the shaded part of the figure below ?

a) 0.0045

b) 0.45

c) 0.045

d) 4.5



10) What the place of underline digit **64.38** ?

a) ones

b) tenths

c) hundredths

d) thousandths

**Q1 : Choose the correct answer:**

1. What is the prime factorization of 20 ?

- a)  $2 \times 5$                       b)  $2 \times 2 \times 5$                       c)  $2 \times 3 \times 5$                       d)  $2 \times 2 \times 2 \times 5$

2. What is the product of  $6 \times 6 \times 6 \times 6$  using an exponent ?

- a)  $6^4$                       b)  $4^6$                       c) 36                      d)  $6^3$

3. What is the value of  $300 \times 7$  ? use mental math

- a) 240                      b) 210                      c) 2100                      d) 2400

4. What the value of  $5 \times 10^3$  ?

- a) 5                      b) 500                      c) 5000                      d) 50,000

5. Find the missing number  $300 \times \dots = 120,000$  ?

- a) 4                      b) 40                      c) 4000                      d) 400

6. What the product of the power  $8^3$  ?

- a)  $8 \times 8$                       b)  $8 \times 8 \times 8$                       c)  $8 \times 8 \times 8 \times 8$                       d) 8

2) Write each product using an exponent :

d)  $6 \times 6 \times 6 \times 6 \times 6 = \dots$

b)  $5 \times 5 \times 5 = \dots$

3) Find each product :

a)  $3 \times 40 = \dots$                       c)  $550 \times 100 = \dots$                       e)  $60 \times 400 = \dots$

b)  $240 \times 10^2 = \dots$                       d)  $69 \times 10^3 = \dots$

4) Find missing number :

$\dots \times 700 = 35000$

$10^4 \times \dots = 20000$

$30 \times \dots = 2100$

5) Write the **prime factorization** of each number ..(as exponent)

a)  $36 = \dots\dots\dots$



b)  $55 = \dots\dots\dots$



c)  $40 = \dots\dots\dots$



d)  $48 = \dots\dots\dots$



6) Find the product using distributive property :

$55 \times 4 =$

$2 \times 37 =$

$8 \times 23 =$

7) Estimate by rounding :

$$\begin{array}{r} 33 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 106 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 127 \\ \times 8 \\ \hline \end{array}$$

8) The Franco family is driving to a national park for vacation. They plan to drive 300 miles each day for 4 days. How many miles will the Franco family drive in all? .....

9) Jin sold 38 boxes of wrapping paper for the school's fundraiser. Each box of wrapping paper costs AED 12. How much money did Jin collect? .....

• Multiply :

$$\begin{array}{r} 33 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 127 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 401 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 712 \\ \times 3 \\ \hline \end{array}$$

8.  $31 \times 5 =$  \_\_\_\_\_

9.  $208 \times 3 =$  \_\_\_\_\_

10.  $47 \times 6 =$  \_\_\_\_\_

• Multiply :

3. 
$$\begin{array}{r} 2.49 \\ \times 3 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 159 \\ \times 7 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 3.4 \\ \times 7 \\ \hline \end{array}$$

6.  $2 \times 1.3 =$  \_\_\_\_\_

7.  $3 \times 0.5 =$  \_\_\_\_\_

8.  $1.8 \times 9 =$  \_\_\_\_\_

9. 
$$\begin{array}{r} 0.48 \\ \times 3 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 2.4 \\ \times 8 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 0.02 \\ \times 4 \\ \hline \end{array}$$

- **Multiply**

$$\begin{array}{r} 92 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ \times 82 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 106 \\ \times 52 \\ \hline \end{array}$$

- **Multiply**

4. 
$$\begin{array}{r} 0.96 \\ \times 7.1 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 3.65 \\ \times 2.6 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 0.07 \\ \times 5.2 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 2.78 \\ \times 0.8 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 0.35 \\ \times 0.15 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 3.24 \\ \times 6.4 \\ \hline \end{array}$$

Amel paints a rectangular wall that is 3.2 meters tall and 2.8 meters wide. What is the area of the wall that she paints?

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One kilogram of tomatoes costs AED 1.59. How much do 5 kilograms of tomatoes cost?

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• Multiply :

4.  $1.63 \times 10 =$  \_\_\_\_\_

5.  $0.853 \times 10^3 =$  \_\_\_\_\_

6.  $0.397 \times 10^1 =$  \_\_\_\_\_

7.  $1.76 \times 100 =$  \_\_\_\_\_

8.  $0.78 \times 10^2 =$  \_\_\_\_\_

9.  $76.5 \times 10^3 =$  \_\_\_\_\_

10.  $0.81 \times 10 =$  \_\_\_\_\_

11.  $1.23 \times 10^2 =$  \_\_\_\_\_

12.  $0.48 \times 100 =$  \_\_\_\_\_

• Divide :

4.  $5.62 \div 100 =$  \_\_\_\_\_

5.  $18.7 \div 100 =$  \_\_\_\_\_

6.  $6.3 \div 10^3 =$  \_\_\_\_\_

7.  $0.05 \div 1 =$  \_\_\_\_\_

8.  $0.012 \div 10^2 =$  \_\_\_\_\_

9.  $2.46 \div 10^1 =$  \_\_\_\_\_

10.  $8.72 \div 100 =$  \_\_\_\_\_

11.  $98.6 \div 10^2 =$  \_\_\_\_\_

12.  $5.71 \div 1 =$  \_\_\_\_\_

13.  $437 \div 1,000 =$  \_\_\_\_\_