Q1) Fill in the blanks.

a.   In the number **5.642**, the digit ___4___ is in the hundredths place.
Its value is ___0.04___.

b. In the number **7.389**, the digit ___3___ is in the tenths place.
Its value is ___0.3___.

c. In the number **4.254**, the digit ___5___ is in the hundredths place.
Its value is ___0.05___.

d. In the number **1.237**, the digit ___2___ is in the tenths place.
Its value is ___0.2___.

Q2) Fill in the blanks.

a. **0.25** = ___2___ tenth + ___5___ hundredths.

b. **3** hundredths + **5** tenths + **6** thousandths =___0.536___.

c. **0.49** = ___4___ tenth + ___9___ hundredths.

d. **9** hundredths + **8** thousandths =___0.098___.

e. **0.19** = ___1___ tenth + ___9___ hundredths.

f.   **1** tenths + **5** hundredths + **4** thousandths =___0.154___.

Q3) Work out.

a. $32.6 \times 10 =$ ___326___

d. $182.3 \div 100 =$ ___1.823___

b. $2.3 \div 100 =$ ___0.023___

e. $145.6 \times 10 =$ ___14.56___

c. $22.7 \times 10 =$ ___22.7___

f. $182.3 \div 10 =$ ___18.23___

Q4)
a. Round **4.93** to the nearest whole number. ___5___
b. Round **1.24** to the nearest tenth. ___1.2___
c. Round **4.395** to the nearest hundredth. ___4.40___
d. Round **26.39** to the nearest whole number. ___26___
e. Round **4.39** to the nearest tenth. ___4.4___

Q5) Count back in **0.5**s.

a.— 5.5, 5, 4.5, ___4___ , ___3.5___

b.— ___6.9___, 6.4, 5.9, ___5.4___, ___4.9___

c.—10.4, 9.9, 9.4, ___8.9___, ___8.4___

Q6) Work out.

a. $5 - 2 + 8 \div 4 =$ ___5___

d. $(5 \times 2 + 6) \div 4 =$ ___4___
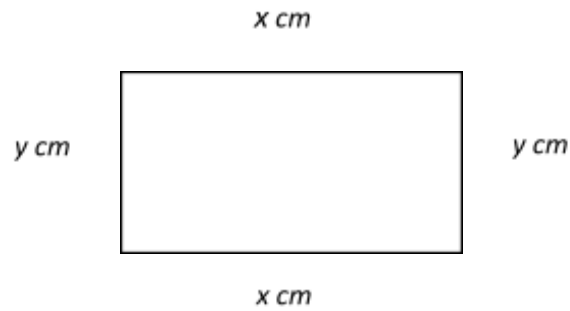
b. $5 \times 2 + 8 - 4 =$ ___14___

e. $5 \times 2 + 8 \div 4 =$ ___12___

c. $5 \times 2 \div 2 \times 4 =$ ___20___

f. $5 \times 2 + (8 - 4) =$ ___14___

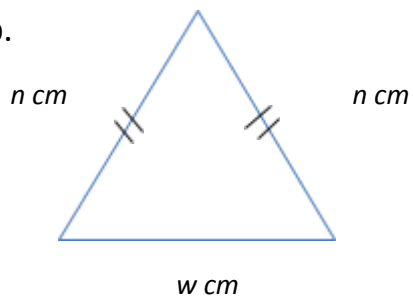**Q8)** Write a formula for the perimeter (**p**) of the following shapes .

a.

x cm

y cm   *y cm*

x cm

2x + 2y

p=_____

b.

n cm   *n cm*

w cm

2n + w

P=_____

Q9) Work out.

a.   48 + 12.7 = 60.7 _____

c. 55 + 1.9= 56.9 _____

b.   12 + 14.8 = 26.8 _____

d. 32.5 + 19 = 51.5 _____

Q10)

a. Find the first common multiple of **3** and **5**.

15
_____

b. Find the first common multiple of **6** and **8**.

24
_____

c. Find the first common multiple of **7** and **12**.

84
_____

Q11)

a. List all the common factors of **12** and **10**.

2
_____

b. List all the common factors of **15** and **30**.

15
_____

c. List all the common factors of **9** and **36**.

9
_____

Q12) Work out.

a. $\frac{5}{6} - \frac{1}{3} =$

d. $\frac{2}{5} \times 15 = 6$

b. $\frac{5}{7} \div 5 =$

e. $\frac{2}{5} \times 10 = 4$

$\frac{6}{15} - \frac{1}{3} =$

f. $\frac{3}{2} \div 6 =$

Q13) Convert the following fractions to decimal.

a. $\frac{1}{2} = 0.5$

c. $\frac{3}{5} = 0.6$

b. $\frac{3}{4} = 0.75$

d. $\frac{2}{8} = 0.250$

Q14) Convert the following decimals to percentage.

a. 0.45 = 45%

c. 0.6 = 60%

b. 0.08 = 8%

d. 0.12= 12%

Q16)

a. If **12** students share **8** apples equally. What fraction of an apple does each student get? Write your answer in the simplest form.

_____

b. If **10** students share **5** apples equally. What fraction of an apple does each student get? Write your answer in the simplest form.

_____

c. If **12** students share **24** apples equally. What fraction of an apple does each student get? Write your answer in the simplest form.

_____

Q17) a. A box of cereal has a mass of **1.2** kilograms. A store sells **5** boxes of cereal in a week. What is the total mass of cereal the store sells each week?

_____6_____ kg

b. A box of cereal has a mass of **3.5** kilograms. A store sells **6** boxes of cereal in a week. What is the total mass of cereal the store sells each week?

_____21_____ kg

c. A box of cereal has a mass of **2.7** kilograms. A store sells **9** boxes of cereal in a week. What is the total mass of cereal the store sells each week?

_____24.3_____ kg

Math is ...