



Rosary School \ Marj Elhamam

Name :

Date : / 8 / 2025

Subject: Practice worksheet (1)

Grade : 6 ()

Previous learning Grade (5)

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 **0.5s**.

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

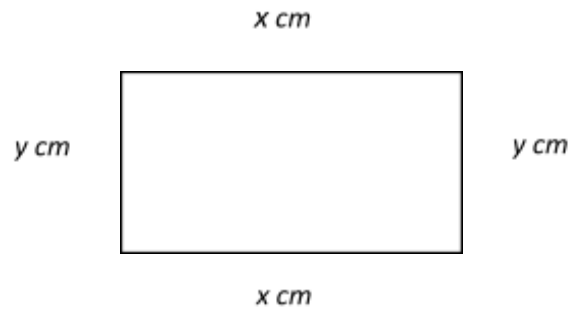
e. $5 \times 2 + 8 \div 4 =$ 12

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 .

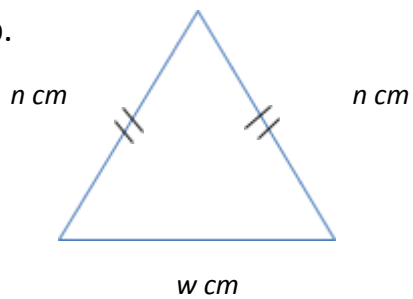
a.



$p =$ _____

$$2x + 2y$$

b.



$P =$ _____

$$2n + w$$

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

