



Unit 14

Name: _____

Lessons 14.2 and 14.3

Grade 5A

Date: _____

Multiplying and dividing decimals

Worksheet (16)

Objective: **Estimate, multiply and divide** numbers with one or two decimal places by 1-digit and 2-digit whole numbers.

Q1: Fill in the blanks.

a) $8.76 \times 16 = 8.76 \times \dots\dots\dots + 8.76 \times 6$

b) $2.12 \times 53 = 2.12 \times 60 - 2.12 \times \dots\dots\dots$

c) $3.7 \times 21 = 3.7 \times \dots\dots\dots + 3.7 \times 1$

d) $6.55 \times 68 = 6.55 \times 70 - 6.55 \times \dots\dots\dots$

Q2: Multiply the following using the **column method**.

a) $2.6 \times 4 =$

b) $7.3 \times 41 =$

Q3: Multiply the following using the **breaking down method**.

a) $4.28 \times 6 =$

b) $9.66 \times 24 =$

Q4: Fill in the boxes.



Q5: Solve. Then match the following equations to the correct answer.

a) $1.5 \times 19 =$ • 68.2

b) $3.1 \times 22 =$ • 255.36

c) $6.72 \times 38 =$ • 28.5

Q6: Rami buys 5 sun hats to his family.
How many dollars Rami needs to pay?



\$.....

Q7: Linda wants to lose 1.2 kg each week before her competition.
Her competition is in 9 weeks.
How many kilograms does Linda want to lose in total?



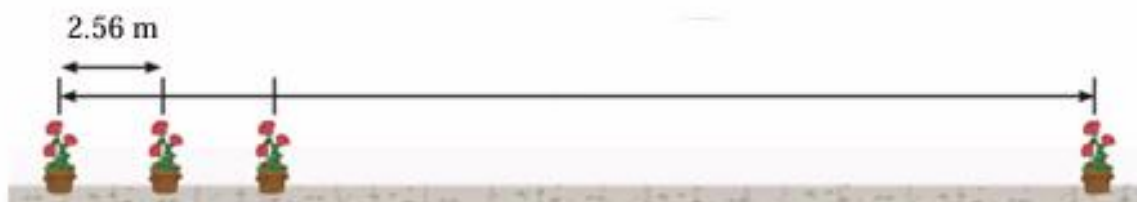
.....kg

Q8: The mass of a skittles candy pack is 68.14 g.
Calculate the mass of 12 packs.



.....g

Q9: 15 pots of plants are arranged along a footpath at equal distances from one another.
How far is the first pot of plant from the last pot of plant?



.....m

Dividing Decimals

By Whole Numbers

Divide: $9 \overline{) 4.86}$

The divisor is a whole number.
So divide directly

Answer: **0.54**

$$\begin{array}{r} 0.54 \\ 9 \overline{) 4.86} \\ \underline{-0} \\ 48 \\ \underline{-45} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

Q10: Divide the following using the **long division**.

a) $9.6 \div 4$

b) $6.42 \div 6$

c) $77.55 \div 11$

d) $97.65 \div 15$

Q11: Divide the following using the **breaking down method**.

a) $18.12 \div 12$

b) $26.08 \div 16$

Q12: Fill in the blanks.

$$\begin{array}{r}
 \boxed{}\boxed{}\boxed{} \\
 7 \overline{) 44.73} \\
 - \boxed{}\boxed{} \\
 \hline
 \boxed{}\boxed{} \\
 - \boxed{}\boxed{} \\
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 \boxed{}\boxed{} \\
 - \boxed{}\boxed{} \\
 \hline
 \boxed{}
 \end{array}$$

Q13: Find the mass of 1 bag knowing that the total mass of 13 bags is 19.89 kg.



.....kg

Q14: Sophia cuts a 12.55 m ribbon into equal pieces to wrap 5 gifts.
What is the length of each piece of ribbon?



.....m

Q15: 8 blocks of chocolate contain 18.92 g of sugar.
Yazan eats 4 blocks.
Calculate the amount of sugar Yazan takes.



.....g