

Grade 6 · Adding, Subtracting, Multiplying and Dividing Decimals · Worksheet

Common Core 6.NS.B.3 · mathovore.fr

Name: _____ Date: ____/____/____ Score: _____

This worksheet has 10 problems on adding, subtracting, multiplying, and dividing multi-digit decimals, aligned to Common Core 6.NS.B.3. Problems 1 to 7 practice each operation, moving from easier to harder numbers.

Problems 8 to 10 are money and measurement word problems with several steps. Show how you placed the decimal point.

Grade 6 Common Core: 6.NS.B.3

Problem 1: Add decimals

Find $4.75 + 12.6$.

$$\begin{array}{r} 4 . 7 5 \\ + 1 2 . 6 0 \\ \hline \end{array}$$

Decimal points are lined up.

Problem 2: Subtract decimals

Find $20.3 - 7.84$.

$$\begin{array}{r} 2 0 . 3 0 \\ - 7 . 8 4 \\ \hline \end{array}$$

Decimal points are lined up.

Problem 3: Add three numbers

Find $3.5 + 0.275 + 12$.

Problem 4: Multiply by a whole number

Find 8.3×4 .

Problem 5: Multiply two decimals

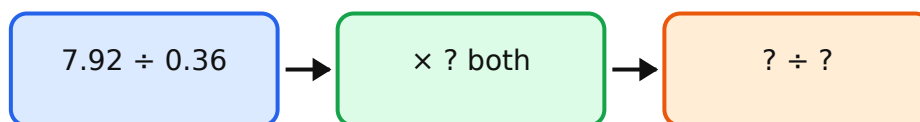
Find 4.8×3.25 .

Problem 6: Divide by a whole number

Find $46.8 \div 12$.

Problem 7: Divide by a decimal

Find $7.92 \div 0.36$.



Fill in the power of 10 and the new division.

Problem 8: School store purchase

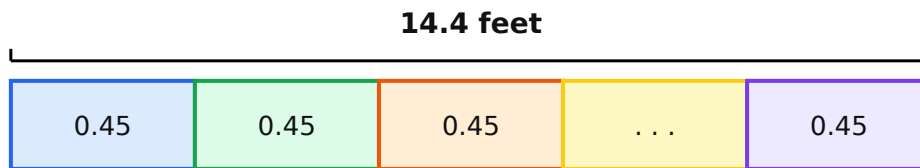
Maya buys 3 notebooks at \\$2.35 each and one backpack for \\$18.99. She pays with a \\$30 bill. Calculate the total cost and the change she receives.



Total cost: add the four parts.

Problem 9: Ribbon pieces

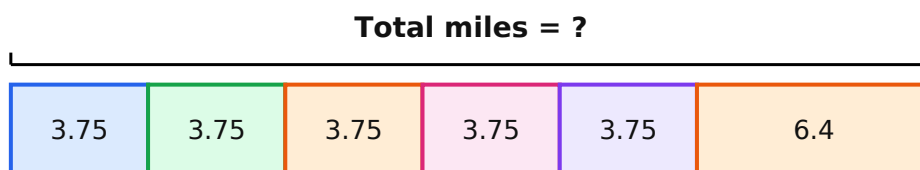
A craft store has a ribbon that is 14.4 feet long. Calculate how many pieces, each 0.45 foot long, can be cut from it.



Pieces of 0.45 foot.

Problem 10: Weekly training miles

Diego runs 3.75 miles each weekday (5 days) and 6.4 miles on Saturday. He does not run on Sunday. Find his total distance for one week. Then determine whether he runs at least 100 miles in 4 weeks at that pace.



Miles run in one week.