



Multiplying & dividing decimals

GRADE 6 MATH

Name _____

Date _____

Do this on your own — the worked example shows what to do. Show your work; final answers in the boxes. One skill: **multiplying and dividing decimals**.

WORKED EXAMPLE

Multiply: count decimal places in both factors and put that many in the product. **Divide by a decimal:** shift BOTH points until the divisor is a whole number. $36.4 \div 1.4 \rightarrow 364 \div 14 = 26$.

1. Compute 0.5×0.6 .

FLUENCY

Show your thinking

Answer

2. Compute 3.2×0.4 .

FLUENCY

Show your thinking

Answer

3. Compute 14.3×5 .

FLUENCY

Show your thinking

Answer

4. Compute 2.05×3.4 .

APPLICATION

Show your thinking

Answer

5. Compute $9.6 \div 8$.

APPLICATION

Show your thinking

Answer

6. Compute $22.5 \div 1.5$.

APPLICATION

Show your thinking

Answer

7. Compute $9 \div 0.45$. Explain the shift you made.

REASONING

Show your thinking

Answer

8. A roll of tape is 6.4 m long. How many 0.8 m strips can be cut from it?

REASONING

Show your thinking

Answer