

Worksheet 3.4

Division with Decimal Notation.

Divide the following numbers. See examples on pages 163-167 in text.

1. $1.16 \div 4$

- A) 0.29 B) 1.29 C) 12.9 D) 2.9

2. $5.4 \div 0.006$

- A) 90 B) 0.9 C) 900 D) 9

3. $3.63 \div 3.3$

- A) 2.1 B) 11 C) 1.1 D) 0.11

4. $\frac{674.0704}{1000}$

- A) 674,070.4 B) 67.407 04 C) 0.674 070 4 D) 6.740 704

5. $\frac{63,705.271}{0.001}$

- A) 63.705 271 B) 0.637 052 71 C) 6,370,527.1 D) 63,705,271

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Solve. See examples on page 167 in text.

6. $1000 \cdot y = 7.8369$

- A) 0.078369 B) 783.69 C) 0.0078369 D) 7836.9

Simplify. See examples on page 168 in text.

7. $11.09 + 41.4 \div (7.44 - 3.3) - 1.8$

- A) 28.78 B) 19.29 C) 22.43 D) 10.88

8. $1.1 \div 2 + 5 \times 0.3 - 0.4^2$

- A) 1.19 B) 4.19 C) 1.89 D) 101.89

Answer the question. See examples on page 168 in text.

9. The following table gives the electricity usage (in kilowatt-hours) for the Mendoza family for the first six months of 2002.

Month	Jan.	Feb.	Mar.	Apr.	May	June
# of kwh	948.5	1172.4	810.2	926.4	867.1	1003.9

What is the average electricity usage for the months February through May?

- A) 944.815 kwh B) 941.007 kwh C) 942.035 kwh D) 944.025 kwh

Solve. See examples on page 98 in text.

10. $\frac{7}{5} \cdot x = \frac{3}{2}$

- A) $\frac{29}{10}$ B) $\frac{1}{10}$ C) $\frac{15}{14}$ D) $\frac{21}{10}$