

DIVIDING FRACTIONS II

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

To practice dividing fractions using language and logic.

Necessary Information:

In class we have been completing a progression of division problems. In each question, we convert the mathematical statement to a language statement.

Eg. $8 \div \frac{2}{3}$ We read this as “How many groups of $\frac{2}{3}$ go into 8?”

$$= \frac{24}{3} \div \frac{2}{3}$$
$$= 12$$

Students should be reading every math question using the language equivalent. We are also saying decimals properly using the place value system.

Practice Section:

- 1) $360 \div 60$ How many groups of _____ in _____? Answer: _____
- 2) $2.4 \div 0.4$ How many groups of _____ in _____? Answer: _____
- 3) $0.70 \div 0.05$ How many groups of _____ in _____? Answer: _____
- 4) $\frac{35}{10} \div 0.1$ How many groups of _____ in _____? Answer: _____
- 5) $\frac{35}{10} \div \frac{5}{10}$ How many groups of _____ in _____? Answer: _____
- 6) $\frac{35}{10} \div \frac{7}{10}$ How many groups of _____ in _____? Answer: _____
- 7) $2\frac{1}{10} \div \frac{3}{10}$ How many groups of _____ in _____? Answer: _____
- 8) $\frac{14}{5} \div \frac{1}{5}$ How many groups of _____ in _____? Answer: _____

- 9) $\frac{14}{5} \div \frac{2}{5}$ How many groups of _____ in _____? Answer: _____
- 10) $1 \div \frac{1}{5}$ How many groups of _____ in _____? Answer: _____
- 11) $2 \div \frac{1}{4}$ How many groups of _____ in _____? Answer: _____
- 12) $3 \div \frac{1}{2}$ How many groups of _____ in _____? Answer: _____
- 13) $3 \div \frac{3}{4}$ How many groups of _____ in _____? Answer: _____
- 14) $2\frac{1}{4} \div \frac{1}{4}$ How many groups of _____ in _____? Answer: _____
- 15) $4\frac{2}{3} \div \frac{1}{3}$ How many groups of _____ in _____? Answer: _____
- 16) $3\frac{1}{2} \div \frac{2}{4}$ How many groups of _____ in _____? Answer: _____
- 17) $\frac{2}{3} \div 2$ What is _____ split into _____ pieces? Answer: _____
- 18) $\frac{6}{4} \div 3$ What is _____ split into _____ pieces? Answer: _____
- 19) $1\frac{2}{4} \div 2$ What is _____ split into _____ pieces? Answer: _____
- 20) $6\frac{2}{4} \div 2$ What is _____ split into _____ pieces? Answer: _____

In Your Real World:

With a family member answer the following question.

If an average snowball has a volume of 6 cm^3 and melts at a rate of 0.6 cm^3 a day, how many days for the snowball to disappear completely?