What Did Ms. Snerd Say When Her Son Ate 17 Chocolate-Chip Waffles with 2 Pints of Maple Syrup?

Do each exercise below.
To Multiply Fractions, multiple the numerator (top number) by the other numerator (top number) and the denominator (bottom number) by the other denominator (bottom number)

* If one of the fractions is a mixed number (e.g., $11 / 2$ ), change it first to a fraction (e.g., $11 / 2=3 / 2$ )

To Divide Fractions, multiple by the inverse of other fraction. For example $1 / 2 \div 2 / 3$ would be solved by multiplying by the inverse of $2 / 3$

- If one of the fractions is a mixed number (e.g., $11 / 2$ ), change it first to a fraction (e.g., $11 / 2=3 / 2$ )

1. $2 / 3 \times 1 / 5=\frac{2 \times 1}{3 \times 5}=\frac{2}{15} \quad \frac{1}{2} \quad \frac{3}{5}$
2. $9 / 20 \div 4 / 15=\frac{9 \times 15}{20 \times 4}=111 / 16 \quad 12 / 3 \quad 3$
3. $11 / 3 \times 21 / 2=\frac{4 \times 5}{3 \times 2}=31 / 3 \quad 22 / 3 \quad 4$
4. $3 / 4 \times 7 / 12=\frac{3 \times 7}{4 \times 12}=\frac{3}{4} \quad \frac{7}{12} \quad \frac{4}{15}$
5. $3 / 8$ of $4 / 9=\frac{3 \times 4}{8 \times 9}=\frac{1}{72} \quad \frac{12}{5} \quad \frac{1}{6}$
6. $7 / 10 \div 1 / 2=\frac{7 \times 2}{10 \times 1}=21 / 2 \quad 12 / 5 \quad 3$
7. Farmer Brown can harvest $21 / 3$ acres of corn in 1 day. How many acres of corn can he harvest in $101 / 2$ days?
$\qquad$ acres
1 day $=21 / 3$ acres
$101 / 2$ days $=$ $\qquad$ acres
$101 / 2 \times 21 / 3=\underline{21 \times 7}=241 / 2221 / 4263 / 4$ $2 \times 3$
8. $5 / 12 \div 5 / 8=\frac{5 \times 8}{12 \times 5}=\frac{2}{3} \quad \frac{4}{5} \quad \frac{3}{17}$
