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10/16/24 Ch 4. $\div$ Intro

Lesson
4.1

$$\begin{array}{cccc}
 14 & \div & 5 & = & 2 & \text{r. } 4 \\
 \uparrow & & \uparrow & & \uparrow & \uparrow \\
 \text{dividend} & & \text{divisor} & & \text{quotient} & \text{remainder} \\
 \# \text{ you} & & \# \text{ you} & & \text{Answer} & \text{What is} \\
 \text{are} & & \text{are} & & \text{to a} & \text{left} \\
 \text{dividing} & & \text{dividing} & & \div & \text{over} \\
 & & \text{By} & & \text{problem} &
 \end{array}$$

$$\begin{array}{r}
 \text{divisor} \rightarrow 5 \overline{) 14} \\
 \underline{10} \\
 4
 \end{array}$$

$\leftarrow$ quotient (2)
 $\leftarrow$ remainder (4)
 $\leftarrow$ dividend (14)

$$\begin{array}{r}
 \text{dividend} \rightarrow 14 \\
 \text{divisor} \rightarrow 5 \end{array}
 \div = 2 \text{ r. } 4$$

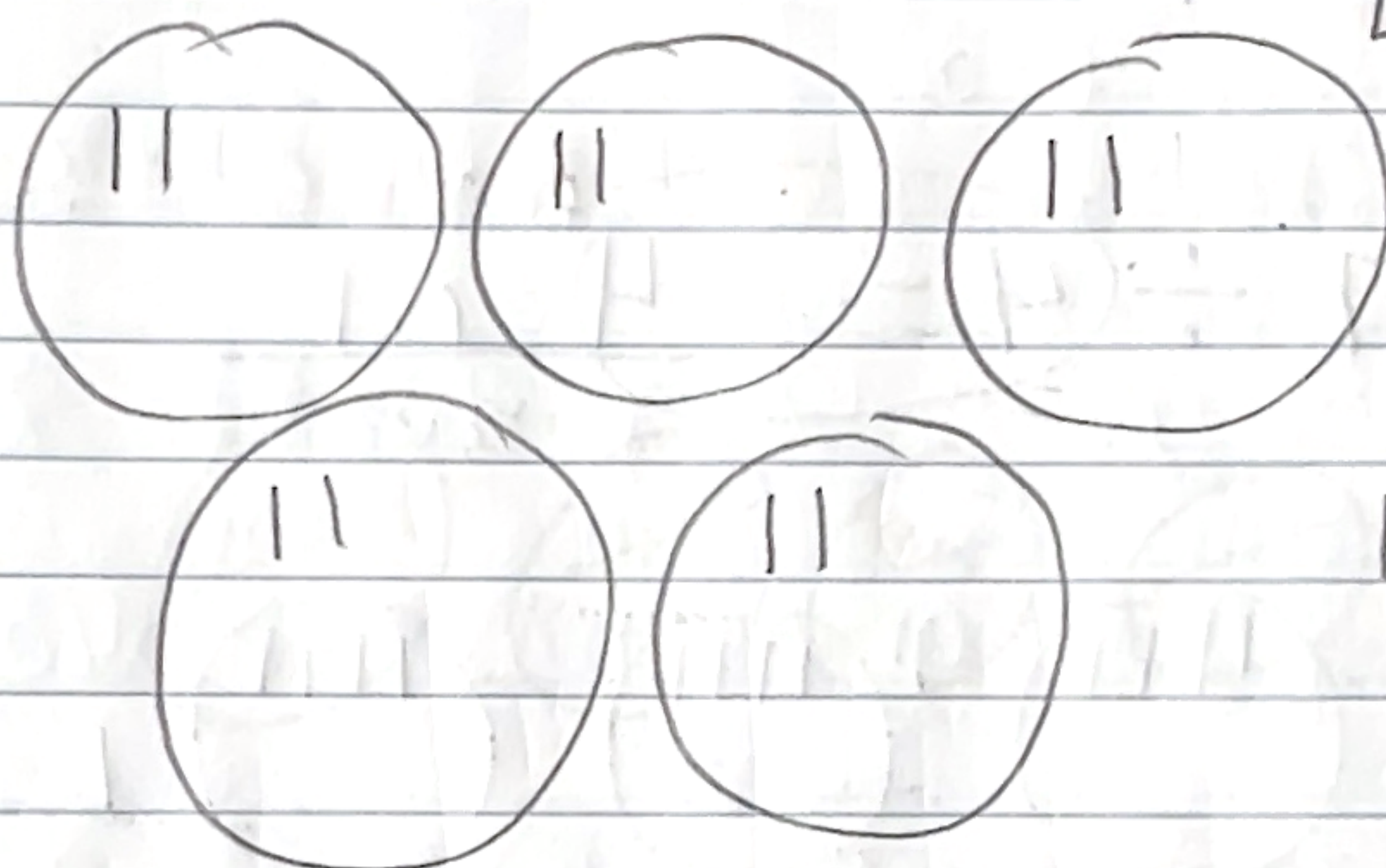
$\leftarrow$ quotient (2)
 $\leftarrow$ remainder (4)

10/17/24

Lesson
4.1Ch 4 $\div$ Models

$$14 \div 5 = 2 \text{ r. } 4$$

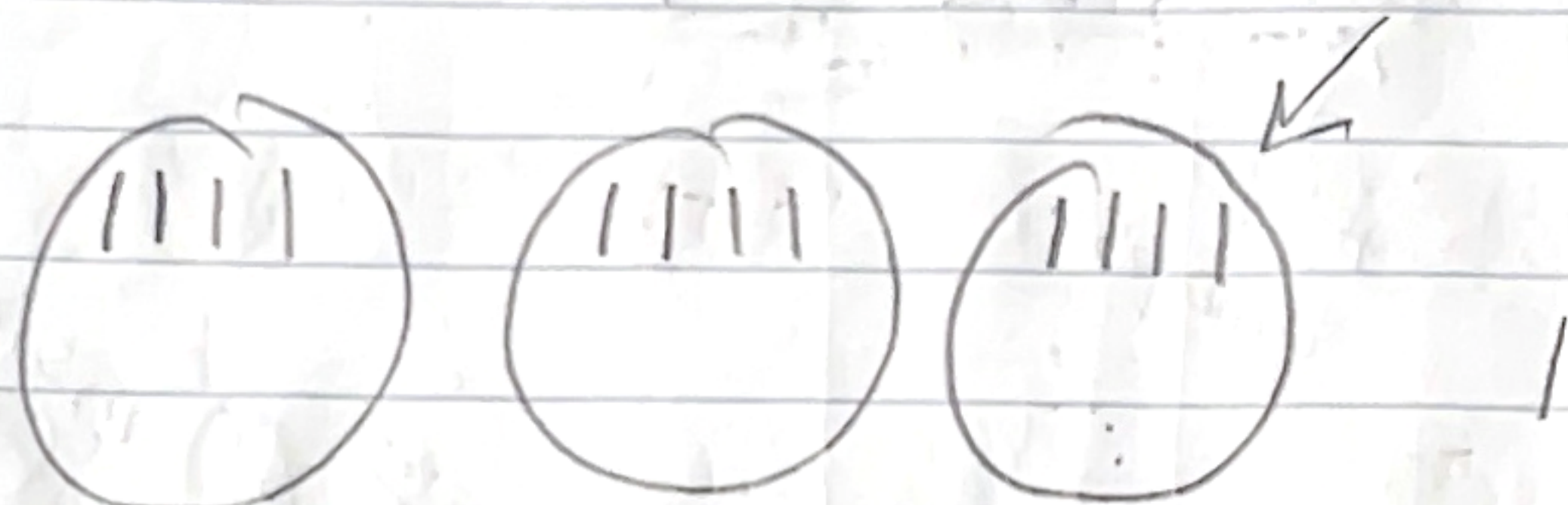
$\uparrow$ # of pieces $\uparrow$ # of groups

 $\nwarrow$ Q inside of ONE circle $\nwarrow$ R||||| outside the circle
 $\nearrow$

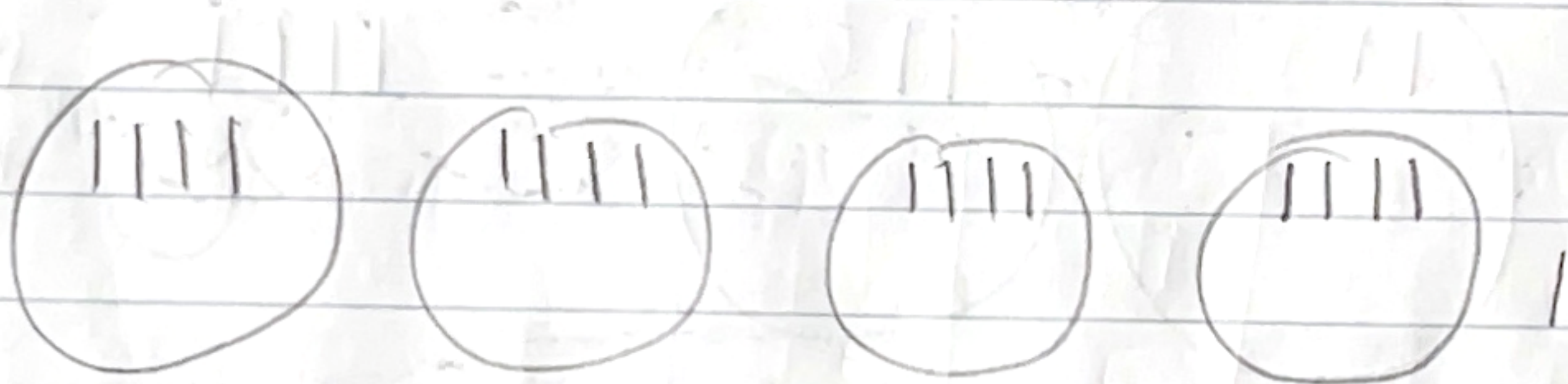
40

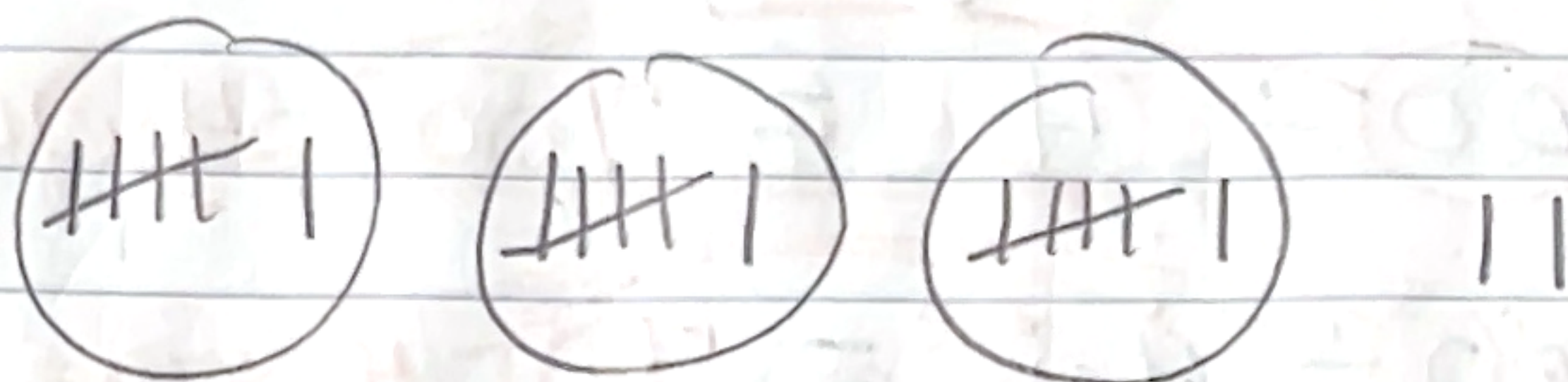
Lesson
4.1

$$13 \div 3 = 4 \text{ r. } 1$$

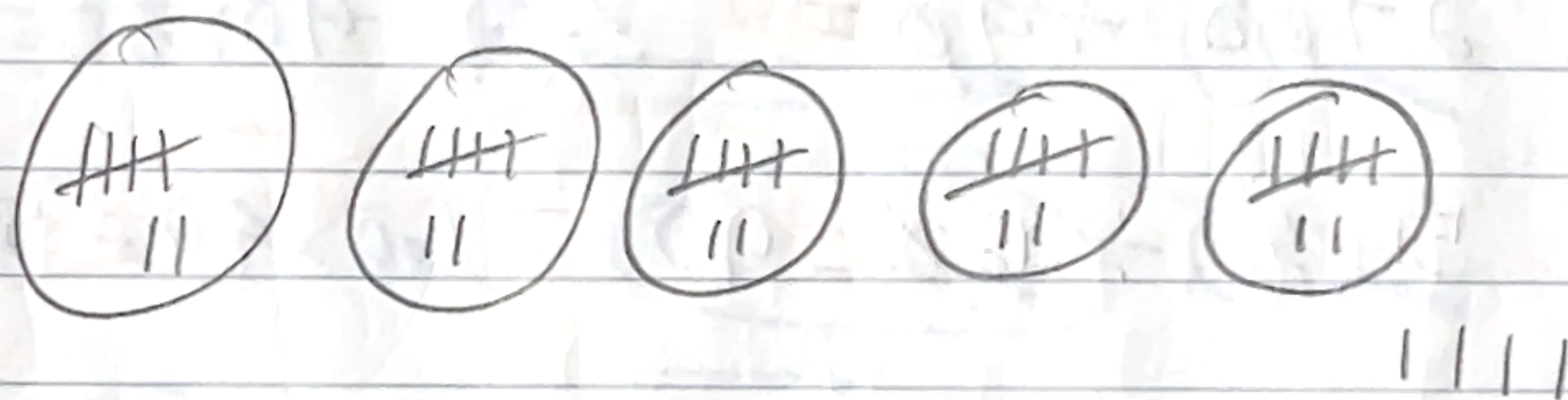


$$17 \div 4 = 4 \text{ r. } 1$$





$$\underline{20} \div \underline{3} = \underline{6} \text{ r. } \underline{2}$$



$$\underline{39} \div \underline{5} = \underline{7} \text{ r. } \underline{4}$$

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10/18/24 Ch 4 ÷ing Multiples of 10

Lesson
4.3

$$2800 \div 4 = 700 \quad 4 \times 700 = 2800$$

$$2800 \div 40 = 70 \quad 40 \times 70 = 2800$$

$$2000 \div 5 = 400 \quad 5 \times 400 = 2000$$

$$3000 \div 6 = 500 \quad 6 \times 500 = 3000$$

$$2700 \div 90 = 30 \quad 90 \times 30 = 2700$$

$$5400 \div 60 = 90 \quad 60 \times 90 = 5400$$

$$2500 \div 500 = 5 \quad 5 \times 500 = 2500$$

$$44,000 \div 110 = 400 \quad 110 \times 400 = 44,000$$

$$4,000,000,000 \div 5,000 = 800,000$$

$$36,000,000,000 \div 120,000 = 300,000$$

Ch. 4 Estimating Quotients 10/22/24

Lesson
4.4

$$\uparrow \underline{223} \div 7 \approx \underline{\quad}$$

$$\downarrow \underline{210} \div 7 = \underline{30}$$

$$\downarrow \underline{249} \div 5 \approx \underline{\quad}$$

$$\uparrow \underline{250} \div 5 = \underline{50}$$

$$\uparrow \underline{2989} \div 7 \approx \underline{400}$$

$$\downarrow \underline{2800} \div 7 = \underline{400}$$

$$\underline{2107} \div 5 \approx \underline{400}$$

$$\underline{2000} \div 5 = \underline{400} \quad 2000$$

$$\uparrow \underline{3809} \div 6 \approx \underline{600}$$

$$\downarrow \underline{3600} \div 6 = \underline{600}$$

$$\underline{5438} \div 5 \approx \underline{\quad}$$

$$\underline{5,000} \div 5 = \underline{1000}$$

$$\underline{5500} \div 5 = \underline{1100}$$

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10/23/24 Ch. 4 DP of $\div$ Lesson
4.5

$$48 \div 3 = 16$$

$$(30 + 18) \div 3$$

$$(30 \div 3) + (18 \div 3)$$

$$10 + 6$$

$$16$$

$$52 \div 4 = 13$$

$$(40 + 12) \div 4$$

$$(40 \div 4) + (12 \div 4)$$

$$10 + 3$$

$$13$$

$$\begin{array}{r} 13 \\ \times 4 \\ \hline 52 \end{array}$$

$$52 \checkmark$$

$$52 \checkmark$$

$$\begin{array}{r|rr} 4 & 40 & 12 \\ \hline & 52 & \end{array}$$

$$52 \checkmark$$

$$\frac{73}{4}$$

Lesson
4-5

$$73 \div 4 =$$

$$\begin{array}{r} 73 \\ -40 \\ \hline 33 \\ -32 \\ \hline 1 \end{array}$$

$$(40 + 32 + 1) \div 4$$

$$(40 \div 4) + (32 \div 4) + (1 \div 4)$$

$$10 + 8 + \frac{1}{4}$$

rem.
divisor

$$18\frac{1}{4} \text{ or } 18 \text{ r. } 1$$

$$\begin{array}{r} 1\frac{1}{2} \\ 2 \overline{) 3} \\ \underline{2} \\ 1 \end{array}$$

$$68 \div 4 = 17$$

a. $(32 + 32 + 4)$

b. $(40 + 28)$

c. $(20 + 20 + 20 + 4 + 4)$

d. $(48 + 12 + 8)$

e. $(40 + 20 + 4 + 4)$

a. $8 + 8 + 1 = 17$

b. $10 + 7 = 17$

c. $5 + 5 + 5 + 1 + 1 = 17$

d. $12 + 3 + 2 = 17$

e. $10 + 5 + 1 + 1 = 17$