

PRACTICE 3 MODELING DIVISION WITH REGROUPING

LISA CANNOT REMEMBER THE STEPS TO DIVIDE.
HELP HER COMPLETE THE STEPS.

Example

1.

$$\begin{array}{r} 1 \\ 3 \overline{) 468} \\ \underline{300} \end{array}$$

→

$$\begin{array}{r} \square \\ 3 \overline{) 468} \\ \underline{\square\square\square} \\ \square 6 \square \end{array}$$

→

$$\begin{array}{r} \square \square \\ 3 \overline{) 468} \\ \underline{\square\square\square} \\ \square 6 \square \\ \underline{\square\square\square} \\ \square 8 \end{array}$$

→

$$\begin{array}{r} \square \square \square \\ 3 \overline{) 468} \\ \underline{\square\square\square} \\ \square 6 \square \\ \underline{\square\square\square} \\ \square 8 \\ \underline{\square\square} \\ \square \end{array}$$

2.

$$\begin{array}{r} \square \\ 4 \overline{) 936} \\ \underline{\square\square\square} \end{array}$$

→

$$\begin{array}{r} \square \\ 4 \overline{) 936} \\ \underline{\square\square\square} \\ \square 3 \square \end{array}$$

→

$$\begin{array}{r} \square \square \\ 4 \overline{) 936} \\ \underline{\square\square\square} \\ \square 3 \square \\ \underline{\square\square\square} \\ \square 6 \end{array}$$

→

$$\begin{array}{r} \square \square \square \\ 4 \overline{) 936} \\ \underline{\square\square\square} \\ \square 3 \square \\ \underline{\square\square\square} \\ \square 6 \\ \underline{\square\square} \\ \square \end{array}$$

DIVIDE. THEN USE THE QUOTIENTS TO COMPLETE THE NUMBER PUZZLE.

Down

3. $2 \overline{) 798}$

4. $3 \overline{) 849}$

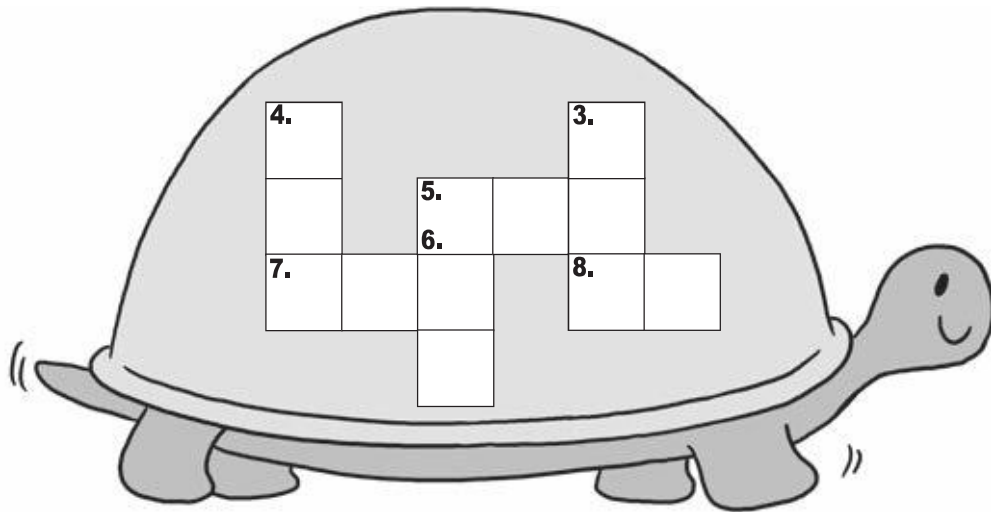
5. $4 \overline{) 696}$

Across

6. $5 \overline{) 695}$

7. $2 \overline{) 754}$

8. $4 \overline{) 372}$



DIVIDE. THEN SOLVE THE RIDDLE.

9.

$$\begin{array}{r} 2 \overline{) 346} \\ \hline \end{array}$$

S

$$\begin{array}{r} 4 \overline{) 760} \\ \hline \end{array}$$

T

$$\begin{array}{r} 3 \overline{) 489} \\ \hline \end{array}$$

U

$$\begin{array}{r} 5 \overline{) 855} \\ \hline \end{array}$$

E

$$\begin{array}{r} 3 \overline{) 870} \\ \hline \end{array}$$

M

$$\begin{array}{r} 4 \overline{) 528} \\ \hline \end{array}$$

P

$$\begin{array}{r} 5 \overline{) 705} \\ \hline \end{array}$$

K

$$\begin{array}{r} 3 \overline{) 375} \\ \hline \end{array}$$

R

Which pet makes the loudest noise?
Match the letters to the quotients below to find out.

- _____
- 190 125 163 290 132 171 190

DIVIDE.

10. $516 \overline{)9 \cdot 2} :$ _____

11. $144 \overline{)9 \cdot 3} :$ _____

12. $396 \overline{)9 \cdot 4} :$ _____

13. $885 \overline{)9 \cdot 5} :$ _____

LOOK AT THE STEPS FOR DIVIDING A 3-DIGIT NUMBER BY A 1-DIGIT NUMBER.

Example

This shows the steps in division.

STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
$\begin{array}{r} 1 \\ 5 \overline{) 695} \\ \underline{5 } \\ 1 \end{array}$	$\begin{array}{r} 1 \\ 5 \overline{) 695} \\ \underline{5 } \\ 19 \end{array}$	$\begin{array}{r} 13 \\ 5 \overline{) 695} \\ \underline{5 } \\ 19 \\ \underline{15 } \\ 4 \end{array}$	$\begin{array}{r} 13 \\ 5 \overline{) 695} \\ \underline{5 } \\ 19 \\ \underline{15 } \\ 45 \end{array}$	$\begin{array}{r} 139 \\ 5 \overline{) 695} \\ \underline{5 } \\ 19 \\ \underline{15 } \\ 45 \\ \underline{45} \\ 0 \end{array}$

WRITE A NUMBER FOR EACH INSTRUCTION BOX TO MATCH THE INSTRUCTION WITH THE CORRECT STEP FOR DIVISION. THE FIRST ONE HAS BEEN DONE FOR YOU.

Divide the hundreds by 5.

Step 1

Divide the ones by 5.

Step

Divide the tens by 5.

Step

Regroup the remaining hundreds.
Add the tens and ones.

Step

Regroup the remaining tens. Add the ones.

Step

COMPLETE THE DIVISION.

14.

STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
$4 \overline{) 752}$	$4 \overline{) 752}$	$4 \overline{) 752}$	$4 \overline{) 752}$	$4 \overline{) 752}$
	→	→	→	→

THEN WRITE THE STEPS, USING THE EXERCISE ON PAGE 58 AS A GUIDE.

Step 1 _____

Step 2 _____

Step 3 _____

Step 4 _____

Step 5 _____
